

```

1 GCGGCGGCTC AGGGAGCTGG AGCCTCAACA GCCTCCAGCG AGCCCGGGAC
51 CCGCCGACAG CCCGAGAAAC CAGCCGAAGG ACGCGGGGCG GGGTCGCCGC
101 CGCCGCCACG GGGTGCTCCC TCCCTCCCGC CCAAGTCCGG CCACCTGGTC
151 TTCCCTCGG CCCCggccgt CTCAGACTCA TCAAAATGAA ACCAGGAGGC
201 TTTTGGCTGC ATCTCACACT GCTCGGAGCC TCCCTGCCGG CTGCGCTGGG
251 ATGGATGGAC CCAGGAACCA GCAGAGGCCG GGATGTGGGT GTGGGGGAGT
301 CACAGGCAGA GGAGCCCAGA AGCTTTGAAG TCACAAGAAG AGAAGGGCTT
351 TCCAGCCACA ACGAGCTGCT GCCTCCTGC GGAAGAAGT TCTGCAGCCG
401 AGGGAGCCGG TGCGTGCTCA GCAGGAAGAC AGGGGAGCCC GAATGCCAGT
451 GCCTGGAGGC ATGCAGGCCG AGCTACGTGC CTGTGTGCGG CTCTGATGGG
501 AGGTTTTATG AAAAACCCTG TAAGCTCCAC CGTGCTGCTT GCCTCCTGGG
551 AAAGAGGATC ACCGTCATCC ACAGCAAGGA CTGTTTCCTC AAAGGTGACA
601 CGTGCACCAT GCGCGGCTAC GCGCGCTTGA AGAATGTCCT TCTGGCACTC
651 CAGACCCGTC TGCAGCCACT CCAAGAAGGA GACAGCAGAC AAGACCCTGC
701 CTCCCAGAAG CGCCTCCTGG TGAATCTCT GTTCAGGGAC TTAGATGCAG
751 ATGGCAATGG CCACCTCAGC AGCTCCGAAC TGGCTCAGCA TGTGCTGAAG
801 AAGCAGGACC TGGATGAAGA CTTACTTGGT TGCTACCCAG GTGACCTCCT
851 CCGATTTGAC GATTACAACA GTGACAGCTC CCTGACCCTC CGCGAGTTCT
901 ACATGGCCTT CCGGCAGAAA TGCTGAAAAC ATTCATTTGT CAAAACCTTG
951 AAAGCCACAG GACTGAGCCA ACAAGGAGAG AAGCAATCAG GACTTTGTCA
1001 TCAGAGGAGG CGGACTGCCC CCACGTCCCTA TCAAATTTAG TCCGGAATGT
1051 ATTTTGCCAT TATTGTAAC TATGCCCTCA GCTGCCACGC CGTTTCAGGA
1101 ACGGAGCGCT AATACATTCT GTGGCACAGT CTCTTTATGG GGAGGAAAGG
1151 ATCCCAGTGC CCCTTGACAG AGAGAGAATA ATAGCATAAT GCAACAGAAC
1201 ATTTTGTAAA TGCTAATACA CGCTCTCCGC AACTTAATTT TATTTTTC
1251 TTATTGGCTT TTTTATATGA CATTTCACAG TCCTGTAGCC TCAATAGCTA
1301 GATCTGCATC GTAAAAATGA CAACACGGTG ATTTAAGGAG GAGAGTCCAT
1351 CAGAGCGAAA TGGGTGGTGT GCTTTTAAAG TATCAGTTTA GCACCTCTTA
1401 CCTGGGATCA ATGTTTCATT TCAATACATC ATTAAGCATC CCTGTTAAAT
1451 CAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAA
1501 AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAA (SEQ ID NO: 1)

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FEATURES:

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5'UTR:      1-185
Start Codon: 186
Stop Codon:  924
3'UTR:      927

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Homologous proteins:

Top BLAST Hits:

	Score	E
CRA 335001101606041 /dataset=GENESEQ /org=Homo sapiens /taxon=9...	507	e-144
CRA 335001101606043 /dataset=GENESEQ /org=Homo sapiens /taxon=9...	393	e-109
CRA 335001101606039 /dataset=GENESEQ /org=Homo sapiens /taxon=9...	204	2e-52
CRA 335001101547741 /dataset=GENESEQ /org=Homo sapiens /taxon=9...	199	5e-51
CRA 335001101547741 /dataset=GENESEQ /org=Homo sapiens /taxon=9...	199	5e-51

BLAST hits to dbEST:

	Score	E
CRA 1000479221223 /altid=gi 3644849 /dataset=dbest /taxon=9606 ...	769	0.0
CRA 157000140836445 /altid=gi 13450375 /dataset=dbest /taxon=96...	737	0.0
CRA 61000077326330 /altid=gi 14464967 /dataset=dbest /taxon=960...	654	0.0
CRA 1000490577863 /altid=gi 5394666 /dataset=dbest /taxon=9606 ...	611	e-172
CRA 61000077321890 /altid=gi 14464587 /dataset=dbest /taxon=960...	605	e-170
CRA 61000077326375 /altid=gi 14464972 /dataset=dbest /taxon=960...	599	e-168
CRA 118000028774058 /altid=gi 10908004 /dataset=dbest /taxon=96...	100	3e-18
CRA 335001100819886 /altid=gi 11685581 /dataset=dbest /taxon=96...	100	3e-18

EXPRESSION INFORMATION:

Tissue source of BLAST dbEST hits:
gi|3644849 Soares_testis_NHT

Tissue source of cDNA clone:
whole brain

1 MKPGGFWLHL TLLGASLPAA LGWMDPGTSR GPDVGVGESQ AEEPVSFEVT
 51 RREGLSSHNE LLASCGKKFC SRGSRVLSR KTGEPECQCL EACRPSYVPV
 101 CGSDGRFYEN HCKLHRAACL LGKRITVIHS KDCFLKGDTC TMAGYARLKN
 151 VLLALQTRLQ PLQEGDSRQD PASQKRLLVE SLFRDLADG NGHLSSSELA
 201 QHVLKKQDLD EDLLGCSPGD LLRFDDYNSD SSLTLREFYM AFRQKC (SEQ ID NO:2)

FEATURES:

Functional domains and key regions:

Prosite results:

PDOC00004 PS00004 CAMP_PHOSPHO_SITE

cAMP- and cGMP-dependent protein kinase phosphorylation site
 123-126 KRIT

PDOC00005 PS00005 PKC_PHOSPHO_SITE

Protein kinase C phosphorylation site

Number of matches: 5

1	28-30	TSR
2	50-52	TRR
3	79-81	SRK
4	173-175	SQK
5	234-236	TLR

PDOC00006 PS00006 CK2_PHOSPHO_SITE

Casein kinase II phosphorylation site

Number of matches: 7

1	39-42	SQAE
2	50-53	TRRE
3	57-60	SHNE
4	167-170	SRQD
5	195-198	SSSE
6	217-220	SPGD
7	234-237	TLRE

PDOC00008 PS00008 MYRISTYL

N-myristoylation site

Number of matches: 2

1	35-40	GVGESQ
2	215-220	GCSPGD

PDOC00009 PS00009 AMIDATION

Amidation site

Number of matches: 2

1	65-68	CGKK
2	121-124	LGKR

PDOC00018 PS00018 EF_HAND

EF-hand calcium-binding domain

187-199 DADGNHLSSEL

Membrane spanning structure and domains:

Helix	Begin	End	Score	Certainty
1	4	24	1.553	Certain

BLAST Alignment to Top Hit:

```
>CRA|335001101606041 /dataset=GENESEQ /org=Homo sapiens /taxon=9606
/mol_type=aa /date=19-FEB-01 /length=842
/altid=derwent_ac|AAB19727 /altid=derwent_id|AAB19727
/def=Human SECX Clone 4324229-2 encoded protein
/patent=WO200061754-A2 /pat_section=Claim
Length = 842
```

Score = 507 bits (1292), Expect = e-144
Identities = 242/243 (99%), Positives = 243/243 (99%)

```
Query: 1 MKPGGFWLHLTLGASLPAALGWMDPGTSRGPDVGVGESQAEPRSFVTRREGLSSHNE 60
          MKPGGFWLHLTLGASLPAALGWMDPGTSRGPDVGVGESQAEPRSFVTRREGLSSHNE
Sbjct: 1 MKPGGFWLHLTLGASLPAALGWMDPGTSRGPDVGVGESQAEPRSFVTRREGLSSHNE 60

Query: 61 LLASCGKKFCSRGSRCVLSRKTGEPECQCLEACRPSYVPVCGSDGRFYENHCKLHRAACL 120
          LLASCGKKFCSRGSRCVLSRKTGEPECQCLEACRPSYVPVCGSDGRFYENHCKLHRAACL
Sbjct: 61 LLASCGKKFCSRGSRCVLSRKTGEPECQCLEACRPSYVPVCGSDGRFYENHCKLHRAACL 120

Query: 121 LGKRITVIHSKDCFLKGDCTCTMAGYARLKNVLLALQTRLQPLQEGDSRQDPASQKRLIVE 180
          LGKRITVIHSKDCFLKGDCTCTMAGYARLKNVLLALQTRLQPLQEGDSRQDPASQKRLIVE
Sbjct: 121 LGKRITVIHSKDCFLKGDCTCTMAGYARLKNVLLALQTRLQPLQEGDSRQDPASQKRLIVE 180

Query: 181 SLFRDLADAGNGHLSSSELAQHVLKKQDLDEDLLGCSPGDLLRFDDYNSDSSLTLREFYM 240
          SLFRDLADAGNGHLSSSELAQHVLKKQDLDEDLLGCSPGDLLRFDDYNSDSSLTLREFYM
Sbjct: 181 SLFRDLADAGNGHLSSSELAQHVLKKQDLDEDLLGCSPGDLLRFDDYNSDSSLTLREFYM 240

Query: 241 AFR 243
          AF+
Sbjct: 241 AFQ 243 (SEQ ID NO:4)
```

Hammer search results (Pfam):

Scores for sequence family classification (score includes all domains):

Model	Description	Score	E-value	N
PF00050	Kazal-type serine protease inhibitor domain	42.2	4.7e-09	1
PF00036	EF hand	11.6	0.2	1
PF00243	Nerve growth factor family	4.0	4.9	1

Parsed for domains:

Model	Domain	seq-f	seq-t	hmm-f	hmm-t	score	E-value
PF00243	1/1	76	85 ..	109	118 .]	4.0	4.9
PF00050	1/1	89	133 ..	1	61 [.]	42.2	4.7e-09
PF00036	1/1	178	199 ..	1	22 [.]	11.6	0.2

1 TCATTCCGAG GTGACTTTTA ATTTCACTCT TATTTTATGC ACAGTAGTTA
 51 AACAGCTCAC TTCAGATGTT AGCATTCTCT CTAAGGAATA TTCCATACAT
 101 CTGGTTTTCGA GCAACTACCT TCTTCTCCTT CTTTGGGAAG CGTGTAGAAG
 151 TTCAGTGCCT GTTCACTGCA TTAAACAGAG CTATTCTGA TCTTGGTCAA
 201 CCTATAGACC CTGATTTACA TATGACCTTG AGTTACTAAA AAACAAAAAA
 251 TACACAAAGT CCTGCTTTGA TTATGTAATA AGGCCACTAG GCTGACTCAG
 301 GGACTTTGTG ATCAGAGCTG AGAATAGAAA TCTGCTTTTC CAAATACCTC
 351 ATGTCTTAGA GGAGAGCCGA ATCCAGCCTC TAAGCCATGG TGACGTTCC
 401 TGACCACAGA CTTAGAATTA CATTTCAGAG GGAGGCACAG CACATTTCOA
 451 AACTTCCCTG CTTCTTTTA TACTCATTTT CTCTTTTCTG TTTCCCAAGA
 501 TGAAAAGTGC CATCCCTTCC CCAGTCCTGC CATGGAGAAT CTGGCCCTA
 551 GCCAGCCCCA GAAGTTCAGT CATGGTGGCC TTGGCAAAGA TTCATAGTCA
 601 AATCTGAGAG AGGATCACAC TGGCTAGGGC CCAGGGTCAC TGAGGATGTA
 651 GTAGCCTTTA TCCTTCTGAG TAAAAATCAT GGTATCCACA TGGGAAGTCA
 701 ACCAGGTTTT GTCCAACCCC TCATTTTACA AGTGGGAAA CTGATACCTA
 751 CAGTAGAGAT ACGATTGGCT CTGCATTACA TAGCTTGGCA GTGATAGAGG
 801 GAGAGCTGGA CCCCAGACCA AAACGTGTG ATGCCAAGAC CGCGCTGGCC
 851 CATTCACTGC TGTATCTCTA GCAACTATTA ATAGCACAGT GCCTGCTGCA
 901 TTGGAGGGGT TCAGCGGCAG GAAAATCTGT GGAAGGAAA AACAAACGTA
 951 ATATCTCTTT CTTCAGGTCA GCCTTCCATT ATTCTTCCCC TTTTCTTTAT
 1001 ATTTAACTAA CTTCATCCTC AGAAAAATCC CCTCTGTCAC CTCCCCCGG
 1051 CCAGGACAGA TTACAGAGGC ATGGACAGAA CACTGTTTAC CTAAGCCAGG
 1101 AAGGCCCTG GTGCCCACGC AGCCAGAGCA GGAGGCAGGC CCTCAGAAAG
 1151 TCTCCTGGCC ATCAGCCTGG CCTGGGTAGG GGCTCCCTCC TAAGTTTCTT
 1201 GCCAGACTGA GGCTACGTAT GACCATTAT TGGCCCTAG TTGTTACAAA
 1251 GGTGTTTCCA GTTCATTTCG GAAGGAAGAC TGATCTCAA AGCTGCTGAT
 1301 GTTAAAGAGG GATTTCAGAAA AGTTTGGGAG CCCCAGGCTT GGGGATGGGA
 1351 TCAGGATGGG GAAATATCCT GTTCTAAGGG AGAAGGGACC CTCTGGGCCC
 1401 AGCTAGGTCA GGTAGGCAA TGTCATTGG GATTGCCCT GTATGCCCTG
 1451 AATGTCTTAA GATTCTGTAG TTGGAAGAGG GAAGATTGAG AAAAGAGAAA
 1501 ACCTTTGCTG TTTCCAGGT TGTGGGTCT CAACGGCGGG GGATTTTACC
 1551 CACTTTGTCC CCAGGGACAG CTCTCCTGCT GTGGTGTACC GGCCCGCCTG
 1601 GACTCCACGA GCAATGGCCG CGGATTGAGA GACCCCTGT GCGCCTGGAG
 1651 AGCACAGCTT TGGGGAACCT GGCCCGGAAA GGAGCCTGGA GGAGAGCAGA
 1701 GGTGAAGAGG GGCTGTCACT TGCCGAGCTC CACGCTAGCC AGAGGCAGGA
 1751 GCGCTACGCT GGCCCTCCTC CCTCCGGGCC CTAGATGGCC CCAGCGCTCC
 1801 CGAGTCATCG CGCCCGCGT GCGCGCCCG CTGCTCCGCG CACCTGCCGT
 1851 GGCCGCCGCG CGGGTCTGAC CGGCTGGCGG GCGGGCGGCG CGCACAGGTG
 1901 GCGGCGATTG GGCAGGCGGG GCCAGAGGG TGACGTCACG GGCTCCGGTC
 1951 CCGGCGGCGG AAATAGGCA GCCGCGGCGG CGGTGGCACA GCAGCGGGCA
 2001 GCGGCGGCTC AGGGAGCTGG AGCCTCAACA GCCTCCAGCG AGCCCGGGAC
 2051 CCGCCGACAG CCCGAGAAAC CAGCCGAAGG ACGCGGGGCG GGGTCGCGCG
 2101 CGCCGCCACG GGGTGTCTCC TCCCTCCCG CCAAGTCCGG CCACCTGGTC
 2151 TTCCCTCGG CCGCGCCGT CTCAGGTACG CGGGCGCAGC TCCAGCGGG
 2201 CGCGGGGAGG GTGCCATGTC GCTGGCGCCG CCACCAGCCG GTCCCGCTGC
 2251 ACCCCACTGG GGTCTTGGCG CCCGCGGCC CGCATCTTG TGCAGGGCCC
 2301 GCGCGGGCG CTTGCTTGTC CTTACTGCCC GCGCCGGGAA AGCCAAGTTT
 2351 GCCCGCGGGG AAGGGACCGC TGGGCCAGGG CTCGGCAGGG CTACCCCGGC
 2401 CAAGGCCAGG ACTCGAGGAG AGGCTGGGAC GCCGAGGCTC GTGGCCGGGG
 2451 TCTACGGTGG GGACCGGAGT GACCCGGTTG GCACGCGGG CGCCACGCAG
 2501 AAGCGCTCGG GCCGAGCCG CAGCTCGCGC CCGGCTCCGA AATCCTGCAG
 2551 GCGCGTTCT TGGGTTTCAAG ACCCCGAGCG GCCCGGCGG AGCCAGGCGA
 2601 GCGCGGCCCC TCGCCCGGG CCCGCTGCC TTGGCTCCGG GTTGGGGCGC
 2651 CGGGCAGGCA TTCTCAGCAC CTCCTCCCCG CGGCTTTGCG GGGAACTTG
 2701 CGTCTCCTCG CTGCAGCCCA AAGGGCCCGG TGCGCTTCGC CTGGCCCTGG
 2751 CTTCCCGGG GTCCGCGCA TGTAGGCTG GGGAGGAAG AATCAGGGCA
 2801 CGACCCGACT CCAGCGAGCC TCGCGCGCTG CTTGTGCGTA GCGGCGCGG
 2851 GTCCAGAGTG AGCGGCGCGG GGTACCCGCT TGAACGTGTC TAGGGAGCAG
 2901 TGTGTTGGGG GCGTTCAGCG TTCGGGCTGG GGGCTTGGTC CTAAGAGAGC
 2951 TTGCACTGTG GATGATCTCC GCCCTCTTTG CGCCCGCAA ACAAGACGA
 3001 GTTCTGAGTT TCAGGAGGGA CCTGGACGAG GCAGGCACAG CACTCTGCTT
 3051 TCGGCGCCTG TCGCCTCGAG TTTGGGGACG AGCTGACGCT AGTCTTTGGG
 3101 GCTCCCTGCA GCCGACAAAG CGGCGCCAAC CCCAGGCTG CCACCTGAGG

FIGURE 3, page 1 of 188

3151 ACTTTGTGCC CGCAACTCTT GCGGGAGCGG AAAGCCGCCG AGGCAGTGGG
3201 GTTCTTGT TTCCAGAGCG CGGCGAGCCT CCGCGCGGCG CGGCAAGTGC
3251 ACTAGGAGTG CGCGGGTCAG CGGGCGGGC CCGCGAGGT CGGTGTCGCG
3301 GCTCGAGAGC GGGTGCCGGG GCGCTGTCCA GCAGCCCTCG CTCGCGGCCG
3351 CGGGCCGCCG ACACGTATGA ATGGCGCGGC CACAGCCCGC CGCTCCCCCTC
3401 TAGGTGTGCG TTCCGCCGAG CTTTCCTCCA GTGAAAAACA GCGCCGGCAG
3451 CTTGGTCTGT TACCTTCGTA AATTTGTTGC AAGCCTGTGC ACCAGGAATT
3501 GTACTAGATG GGGCCCCCGA GATACAAACA TCCGTCCAGG TTCTCTGGGC
3551 CAAACGTAAA CAGAATTTC AATAGGTGGT AAGTAACTGC CAGCCAAAAT
3601 GTTCACCGGG AATGGGCCGT TGTACAATC TGTGAGGGGA AAAGACGGAT
3651 CAGTGAGCGA CTAGGACTCT TCTTGAAAGT CCTAAGTTAT TTTCTACTG
3701 CCAAATTTAG GGGAAACCAG CGATGCTTTT TAATAGTGTC TTCTTAATCC
3751 TGGGAGCCAG GCGCCAGTTT CTGTGCCTGC CCCTCTGGCC CCCAGGACAG
3801 ACTCTGGGTC TGGTTGGCGG GGGGTCCACC TGGGAAGGGA ATGGTCCGAG
3851 GTGTGAGTGA TGCAGCTTCT GAGACTCCAG AGCCACAGCA ACTCTCAGGC
3901 AGGAGCTCAA GCCGGACATA CGAGCAGATG CCCTACAGGG CACGTGTCTG
3951 CTTCCCATCT TAGCGTTGTG AGAAGGAGGC ACTGCAGCAT CACTAGACCA
4001 TTTCTGCCAT ACTCTGCTAA ATGTTGCTT TTTCCCTCCC ATCCTAGGAA
4051 AAAAAGGCAC CACCCTCTCC AAAGACTTCA GACTGAGCCA AAGTTCACAT
4101 AAGAAAATAG TCCACTTTGA TGTAATGTAT TTAAATTGCT CGTTAGAGTT
4151 GTCCTAGTGC TTTTTCTCT CTTAGACTTT TATGATCATC CTCAATTTTT
4201 GTTGATTCTA GGAAAGCTCT TTTCTTCTG GAAAAGGCCA GCTTGTTTTT
4251 CTGGGTATTA GGAGAACTTT TATCCTTTCG GCTGTGCCCT GGAGGTGGGT
4301 GAGGGAAGAG GAGGTGGAT TTTTCCACCA TGACCAGTCA GTCAGTGAAG
4351 ACTTTTTTTC CTTTACTAA GGGCCGTAGG ACTTTTTAAA TGTGACCTTC
4401 ACGTTATGAT CTTTGTGTTG ACTTAACACT ATATTCAGAG ACTAGCATTG
4451 AATAGTCATT GTTTCATAAA ACTACCTTAA CTCTACCTT GCCTGTTTTG
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4551 TGTGTGCTTC CTAGCTTAAT GCAATTAGAT ATTTCAAGAG CACATCTTTC
4601 TTTACATTTT CTGTCTCAAT GCATAACATA AGGCATGGAA TTTCCAATAA
4651 AATAGAAGTG CAATCAAGAG CATGTGGTTC TTAAGAGGTA TGAGCTGAAG
4701 GTTGTAAGGA TAAAGGTTAT TGGAAATCAC ATGTGTGTCT GTGTTAAACG
4751 TCAGAGTAAA TAGGAATAGA GATTATACA TGGCACATAG AATAATGTAG
4801 CCATCTAATT TATCAAGTGT TGGGAAGAA TTAACATAAT ATATAGAGTA
4851 GATAATTAAT AGGAAATGCA ATTTAACTTC ATTAGGGCTT GCTGCAACGT
4901 TAGCTTGCTA TATCTCCATG CCTAATTTCC CTGGGTGGT GTTTTAGGGA
4951 CTGTCTTAGG AAATCTGTAC CACTTCTTT TTTCTAAAA CACTCACATA
5001 TCAAACTAG GGTGTAAGC CTTTGAGAGG TTCCCGTACA GCCTCCTGGT
5051 TTCACGCTGG GGTGTATGTG GCTTTTTTTC CCCCTTTAAA TTTGAGCAGA
5101 CATGCAGAAG AGAATTCCAC GTTGATTCA GTCAGTATTT GGAATTCCAG
5151 AATCCCAGTT GATTTTTATA TGTGATTGC CAACATGCCA TGTATGAAAT
5201 GCTACACACC TACAGTGTGT GTAGGCGAGA CACTTTTTCA TTTGAAAGG
5251 TTGAGAATGC AGATGCTTCA GGGTCACAAA TCTGACTGTT CTCTTCAAGG
5301 CTGGGTGGCA TTGCTTGGTT CTGCCAAATC ATCTTTGTAA TTTCTGGTCC
5351 TGTGATTAC AAAAAGAAGC CATTTCTGTA TGGCTAATCC TTAATGGCTA
5401 GTCTGGTAAA GTTACCAAGT TCTGGGAGAG AGGCTGAGAG AGAGAATGGA
5451 TGAACAATGC CACCGAAACT CTGAGGGCCA GAATTCCCAT TCTTCCCAAC
5501 AGGGCTGTTT CCTGGAATAG AAAGAGAAGT TTGTATTAAA CCCATTGCCA
5551 GTTTAATGGG ATTGCTTCTC TCTGGCCTAT GAACTTGGTC AATAAAGACA
5601 GCTTACATGC CTGTGTGCGT TCTCTGGGTG GGCAGATT TGGTATTTTC
5651 ATATGAATAC CTATTTCTCC CTAACAATTT GCATTCTTAT TTCATGCTTT
5701 TTCAGCTTTC TTCAAAAAGC AAGTCAGTAT TTGGAATGTT ACATCATACT
5751 AACCTGTAAT ACCTCTGTAA TTCTAAATAC AGATAAATAA TAGCACAGAT
5801 ATTAGCTTAT TTTAGAACAC CTGAAAATCC TGTGGTTTTT ACAAGGAGGT
5851 AGACAATCTA GTGGAGGTCC TTCAGCATTG AGAAAAGCAA AATCTGCCTA
5901 TCTAAACAAA GAATCCAAAC TCCCACCTTA GATGTAAGTG TGCCATAATA
5951 TAAGGAACCA AACAGTTGCC CTGGGGGCGA GATGCCTGGG TTCCAGTTTA
6001 GGCCTAGCCA CTGATTTGTC CTTGAACCTG GGTGGATTCTG TCCACCTTCT
6051 GGTCTTCTGG TGTCTATCT ATGCGGCAGC CAGGTAGCA CCAGGTTCTC
6101 CTGACTGGGG GAATGTCTGT TGAAGCTCTG GTAGGAAACC ACAGGGGAAG
6151 CAATGAAACA CCTCCCTTCC AAACAAGATG GTTAAAGCAT CAAGTCAGTG
6201 TACTTTATGA CTGTTTGGA ACAAAGGTA GTCTCAGCTC TTTATATGGG
6251 GACAGTCTTA GGTAGATTA TAATTAATAC TTAGGGCTTA GCAAGGATTG

FIGURE 3, page 2 of 188

6301 AATGAACTT ATTAATCTAA ATTGATCTCA AAAGGAGCTC TAGGTTTAAA
 6351 AGGGGATTG TGACCTTATG GATGGCACCT TCCCAATTCT ATAATGGGGA
 6401 GATTCTTGCA TTTGCCCTTA TCTGAAGGCC AGTAGGACTA TTTGAATTG
 6451 AGGAGTAATT AATTTGTTAA CAGATTTACT TCTCCAGAGT GACTAGCCTT
 6501 ATGATGCTGG TGCTCTCCGT GAGCTGAGGG GCATCGGCCT GGGATTCTGT
 6551 GCATCTTTTT ATGGTTCCCC TCCCTCCCTC CCTCCCTTCT TTCCTTCTAC
 6601 CGTATTTTTT CTTAGCCCAT AAATAGAGCA GCAGTGAGGA CTGAGGAGAG
 6651 TCTGCCCAGG GGCCCCCATC CCGGGGTAGA ATGTGGGAAT TAAGGGTGAG
 6701 CAGCTTGGCT CTCTGCCCTT GGTGGAGCC ATGAGGAGGA GAGTAGCTCG
 6751 TGGCAGCTTT CAGAGGAAAG GAGAGTCTCG GGGCCAGGGC CTCCTATCTT
 6801 ACTGTCTCTA GATTTTCCCC ATTATACTAA AAACAACGT TATCAAAAC
 6851 AAAACAGGCA GGACAAAACA AAACAGACAG GCAGCAGCAG GTGGGAGTTA
 6901 AGAGAATAGA TGTCGTGGGT CTACGTGCCT GACTTGAAT TTCAGTTTGT
 6951 CCACTTGTCT GCCACATGGC CTTGGCAGAG TCCTTAACCT CTCTGTGACC
 7001 CCATCTCCTC TTTCATCTGA TTGAGGGATA ATCATTGCCC CCATCATGGA
 7051 GTAGAAAAAG GAGGGTTATG AGTTAATACC TGTGAAGTGC TTAGAACAGT
 7101 GCCTGACACA TCGTAATTGC TATATAAGTG TTAACCAAAT AGATAGTCTC
 7151 TATTTGATTA TTAGACAGAT AATCAAAATT GATTTAGACC CAATATTAAT
 7201 TCCTTTTTAT GAACTGAAC GTCATAAAAC TTGAGCTGTA AATTTCAGG
 7251 CTGTTGTGTC TGTAGATATA ATGAATTGTC AATCACCGTT AAGTATAAAA
 7301 TGACATCTAA AACACATCCA CAGTGCAAAT GAAATCACAG CTAGTGGTAG
 7351 ACAGACTGAG CTAACTTTA CAAACAAGCT GCCCAGGAGT ATTCAGTAG
 7401 TTGGCCTGGC TATGTGTTT TCCTGTTTCC AGAGTTTCC TGTTCAGA
 7451 TACAATCTTA CAGGAAATAT AAACACAAAC CAGATAAAAC CAGTGGCAAC
 7501 TCCAGGCCAA GCTCCAGGCT TGGATCTTGG GCCTCCTGAA ACACAACCCA
 7551 GAAACCAGCA GTCTTGGTGC ATCTCTTAT GAACTGATTT GCGCTTGCC
 7601 AAAATCACAG TTGAAATGAA TATATTTTAT TTAATGCTA CCCATTAGTA
 7651 CCAAAACATA AAACATAATT GATCTTAGAT TACAAAGCAG ATTAAGGTT
 7701 AAATACCAGA TTTTGTGGCT TATGTATTT ATAACCTCAA GAGTTGACAT
 7751 CTGTACATTA CCTAGAATAG ATTTGGATTA TCTTGCTGTT TTTGCTTAT
 7801 GTGAGCTAGG AGACATGGAA AGGGAGAAAA GTAGACCTTG CTCTGTGTGT
 7851 TTAGTCTGTG AGCAATGTTT GATAGTAGAT AAGTAGGACA AAATTAATGA
 7901 GAATAAGAAG CAATGTCTTT CTAGTTCTAG CTAAATTTT TATGGCTGGT
 7951 TTTTAAAAAT TCCAAAAATC CACTCGCTGT TTTCTGCAGT CTCTGGAAAG
 8001 TGGCTCTGCA TTCAGAAGAG GATTACTTAT GGAGAATAGG GAGTTACCTT
 8051 GTTTATTTT AGAAAAATGG GTTGCAGCTC AGCTGGGCAT GGTGGCTCAT
 8101 TCCTATAATA CCAGCACTTT GGGAGGCCGA AGCAGGTGGA TCACCTGAGG
 8151 TTGGGAGTTC GAGACCAGCC TGACCAACAT GGAGAAACCC TGTCTCTATT
 8201 AAAAATACAA AATTAGCTGG GCATGGTGGC GCATGCCTGT CATCCCAGCT
 8251 ACTCGGGAGG CTGAGGCAGG AGAATCACTT GAACCCAGGA GCGGAGGTT
 8301 GCAGTGAGCC GAGATCGCAC CATTGAATC CAGCGCAGGC TACAAGAGTG
 8351 AAATCCATC TCAAGAAAAC AATAAAAACA GGTTCAGTT AGGGGAAGAC
 8401 ATTTTATTT TTAGTCCCGA ATATGATTT CTTTCTCTGC TCCTTCTCCC
 8451 TGTAAGATTT CACACACCCT AGCTAGATCA CTGGATCAAG AGCGCAGAAG
 8501 CCATTGGGGG GCAGGGGAGG GAGTGCCGTG ACTGCCGCGAG TCCTCACAGT
 8551 CCTCTCCCGG GTGGCAGCTG AAGCGGCATT ATTCCACTCA ACTCTGCCTT
 8601 CTTCAGAGTG TGGGGCAGGT GCTGATGGTG AGACTGTGAC CTTCAGATTA
 8651 TATTTACTGA CCACCCAGAC TCTTTTCTCTG GTAGCTCAGC TTTGTCAACA
 8701 GATGTCAAAG ATGAGTGACC GAAGAAACAG ATATAAGAGT GGGAGCTTAT
 8751 GGACTCTTTT TAAAACAAGC AGACACCTTC TCTTAAAAGA CAGTCATGCC
 8801 TTATAACCTT GCCTTTTTCAT AGGCCAGTGC CATAGGCCCA CAATTTTGAG
 8851 TCTGACTTCT CCTCCCTGTG GGCATTTCTG TCTCCAGCTG GAGACATAAA
 8901 GCAGATGTGG AGAGGCAGCT CTATTTGGAT GTGGATAGCA GCCAAACAAA
 8951 ACCTGGAATG TGGCAGGAGT GTAATTGTTT GCCAGCCCTG GACTCAGCAC
 9001 TAGTGACTAT GTGACAACTT CCACCCCAT TGTCTAAAGTA GGGATGCTCC
 9051 AAAGCTGTTG CCTATGGCAG TGAGCAGGGA TGGACTGCCA GGTCCCTCAA
 9101 GCACCCACTT CTTTCTGAAT TGGATGTCTG TTCTGGACCA GCCCTAAGCC
 9151 AGTTCATGCT GGATGCTGGC CTCCAAGGAG CTCCGGTGTC TTTAACTCAC
 9201 CAGCCTAGAT CAGGATGCAG TGTGGACCAT ATGTGATTAA GCACTAAATT
 9251 GTGTGTGACA AGCAGAAATC AATAACCCCT AAAGTTTCCT TGAGTAGGGG
 9301 TTCTAAGTAC TACATAATGA GTTGATCTG GTTATGTTTC ATAATCAGAA
 9351 TACTGAAATT ATGGTTGGAC TGTGTTTACA GTGGAAAAC TTTTCCAAAA
 9401 AAGTACAGCT TATTGGACAA GTAAGATAGT CTGTATCCTC ATTTCTCAG

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9451 CACAATGCTT AGCACATGAT TTGGACTTGA ATATTTGTTG TAGCTGATCC
 9501 TTAGTTTTTT CATCCATGTG ATTATTTGAT TACCTTGAAT TGCTCACTTC
 9551 TTGTCTTTTA GGACTGTATA CAGTAATGTT ATCAAGTGAG CCTCAGGAAA
 9601 CACCTCAAAG GTTATTGAAA TTCTGTTATC ATTGGATGCT TGGATTCTGC
 9651 CACAAAAAAT GGTTGGTCTT GAAACTAAGA TATTAGACCT TATGATGCCA
 9701 TTTTGAAGCT CACTGTCTTA TAAACTGAGG TGTCGGGCTGC AAATGAGGTG
 9751 CCAGAGATGT AACATAATTC TTAATCATCA TTTCTTTTTT TGAGACAAGA
 9801 GTCTCACTCT GTCGCCCAGG TTAAAGTGCA GAGGTATGAT CTCGGCTCAC
 9851 TGCAACCTCC GCCTCCCGAG TTCAAGCGAT TCTCCTGCCC CAGCCTCCTG
 9901 AGTAGCTGGA ATTACAGGTG CCTGCTACCA CGCCCAGCTA ATTTTGTAT
 9951 GTTTAGTAGA GACCGGGTTT CACCATGTTG GCCAGACTGG TCTCAAATC
 10001 CTGACCTCAA GTGATCCATC TACCTCCGCC TACCAAAGTG CTGGGATTAC
 10051 AGGTTGTGAG CCACTGCGCC CAGCCATAAT CATAGTTTCT CGAGCACTAA
 10101 TTGTGTGCCCT AGCCCCAAT GCTTCTCAG GAAACTAAGG CGTGGCTATA
 10151 TGGCAGCCTA ATAGAGGTGA CCCACCTGCC TCACCCTGGT TTGTCTTAT
 10201 AGATGTAATG GTAGTGGCA TTTCAAATGG GTTCCACGT AACAGCATTT
 10251 ATAGAGTTCT TACTCTATGC CTGACACTAA CTCCTTCAAT CCTCACAAAA
 10301 GCCTTTCGAG TTACATATTA TTGCCATTTT AGAAATAAGT AACTAAGGC
 10351 TCAGAAGTAA TATAACCTCT CCAAGGTAGA ACAGAAGTTT GGTGCCAGGA
 10401 TTTAAACCCA GGCTTATCTG ATTCTGGGGA ACACATACTA ACTCACTGTG
 10451 ACTTATTATA TCCATCTCAT AATGTTTTAT TCTCAGCATT TGTCATTTCT
 10501 TCAACAGACT CATCAAAATG AAACCAGGAG GCTTTTGGCT GCATCTCACA
 10551 CTGCTCGGAG CCTCCCTGCC GGCTGCGCTG GGATGGATGG ACCCAGGAAC
 10601 CAGCAGAGGC CCGGATGTGG GTGTGGGGGA GTCACAGGCA GAGGTATAGT
 10651 CAAATCCCTG CGGACATAAC ATTTCAAAT GATTGCTTTC CGATGTTACA
 10701 GTATCTGATT TCCCTCCAC CTTTAGTTTA GATCAGTTAG ATCACAAAGT
 10751 GAATTAATAA TGCATTCTCT TTTTGGTGGG GACAGAAGAA GGCAACCTGT
 10801 GTGGATACAG ACAAGAGGTT GATAACACGA CGTGAGTAAT GGCTCTAAAA
 10851 CCTCTCAGAT CTGGAAGTG TATTCGAAA CCAAGCTTGA ATTGCCTGGT
 10901 TAGTCTCTAC AAAGACCTC AGGAGAATGG CCTTCTGTA TATTTAATAA
 10951 AACTCTGAAA ATGCAGAGTA ATTGGTGGAG CACACCCATG TGAATTAGTG
 11001 AAGTATTTTA ATTATAAAAT ATATTTGAAA AGAAATGGAC TACTTTTCAG
 11051 GTATATAGAT AGAAAGCACC AGGCTGAGAA AGAACTGGCA AGTGGAGGTC
 11101 CTAAGGGAGA GTGCTTTAAT GAACAGATAA GAATGATTAA TGGCATGTTA
 11151 GGTATATATA AATGCTTCTA AAGTGCTTGA AAAACTTGTC CTCAAATACC
 11201 TCCCTGGAGA GTCTGGATGT TCTGCTAATT GCTTAGTGAA CCCTGGTCTT
 11251 ATGTAGTAAA AAGATCCAT AAAGTCAAC CTGGCCCTCT CCAAGGTAGT
 11301 AGGTCCCATG AATTTGGGGT TCATGGGCAA AATGTATTTT TCTGCAGAAA
 11351 ATGCTTTGTG TGTGCTGACT CTTAAGGAAT GACTTCACCC TTCCATTAAA
 11401 ACCACCTGGG ATTTTCTCTA TGCTGTGATG AATACTAATT CCTAATAGGC
 11451 AGCTTTCCAG GGCACCTTTC CTCCCATTTG CTTCCTTGAT GCCTGCCGTT
 11501 CTCTTTTCTT TTGTCCTGT TFCCTGTCTT GCGGAATGAG AAATAAAAAAT
 11551 TACCTCAAAA AGTCAACATT CCCAGAGAGT GAATAAGGTT ACTCAGTGTA
 11601 GGGTAGGATT AATGCATTAT TTGATCAAAA GACATGATTT CTCTTTCATT
 11651 ATTACTTAAT TGTAATGCAA TCCCAAACCT ACCAGCCTTA ATCTTTGGGG
 11701 AGCCTCAGAA GTAATTTAAT GTACACTTTT CCTGCAGAAG TTAGTGTGCC
 11751 TTCCTTTTGT GGTGAGCAGA TGATTAAACA GAAACGCTAT CTCTGCCGTC
 11801 TAAATCCATG AAGGACGCAA TTTAATGCTC TTTTGAAAGA GTCTGGAGGC
 11851 TGGCTTGCTG GTGAGAACAG CATTTCCCTT ATGGGAACAG CTTTATCAGT
 11901 ACACTCATAT CCATACCAAG AGAAAATGAT CACTTAAATC CTACACATAT
 11951 ATTGTTGAAT ATTTAATAGC AAAGCAAACA GACAAACACA CAGGTAAGCT
 12001 TAGTCTTCTT ACTATTGGGG CTCATCGGCC CACTGTTTTA AACCATTAT
 12051 TTCAAATAAA AGTATCAAGT CAATTAAGGT GGGATTTAGC TGGAGGTAAA
 12101 TTGAAGGTAA GTTAATATCA ACCCAGGGCC TCTTTATCTT AGCTGTTAAC
 12151 ACCCTAATTC TTTGTGTGCC AACAGAAGG AGCAGATGCT GGTCAATGGG
 12201 AGGAAGTAAC GCTTTTGGG GGTGTTTATT TTGCTCCCTT GCAACCCCTG
 12251 CTCCAGGGTA GCTTTTGTCT TCCAAGTCCA GGAATGTTGC TGCTTCAGGA
 12301 AAGGGAGGTG ATGACTGTGT AGATTCTGCA CCACAAGAAC TATTGCCCTA
 12351 TTGATCATAT ATATAGTTTT TTGCTATAGC TTTTGTTTTT GCAGTATTAT
 12401 AACTTCTAAT CATTGAAACT GTTTCTATCA GTGATTAAAT GAGATGATAA
 12451 TAATGGGAAT GGGCCTAGGG CTTAGGATGG CCTAGGTTAA AGGTTTAGCT
 12501 GCAGAGAACA GAACACTTCC AGGTACGGTG GCTCACACCT AATAATCCAA
 12551 GCAGTTTGAG AGGCCGAGGT GGGCAGATCA CTTGAGCCCA GGAGTTCAAG

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12601 ACCAGCCTGG GCAACATAGC AAAACCCTGT CTCCACTAAA AATACAAAAG
12651 TGAGCTGGGT GTGGTGGTGC ACTCCTGTAG TCCCAGCTAC TCGAGAGGCT
12701 GAGGTGGCAG TACCACCTGA GCCTGGGGAA GTCAGGCTG CAACAAGCCA
12751 TGATTGTGCC ACTGCTCTCT AGCCTGGGTG ACAGAGTGAG ACCATGTCTG
12801 AGAAAAAAGA AAAAGAAAGA AAGAAAAAGA AAAAAGCTGA AGAAAAAAGA
12851 AGAAAACAGA GAGCAGAACA TTTATTTTAA TCGGTTTGTT TGCAGCCCTT
12901 GCTCACACTC TGTTTCATCCC TCCATGCACC CCCATGCCCC TGCCCACCAG
12951 GGGCCTCGTG CAGAGCGTGC TGTCTCTCCT TTCTATGTCT TTGCTTTCTA
13001 CACCTGACTC TCCTCCTCCT TCAGGGCCCA GCTCTGGTTC TTACTTTTTT
13051 TTTAGAACCT TCTTTGACCA CTCTTGGTCA CACCTGGTCT CTTTTTCTGA
13101 ATTCTTAGTC CTTCTTTTCT CTTTTTGTTC TCTTACTCTT TTATTTTAC
13151 GTTAGCATAT GGATGGAGCC TGTCTTATTT ATCTTTTCTT CCTTACAGTG
13201 CCTAATAATT TTATAAGCAA AATAGAGGTT TGATGCATTT TTAAGCCAAT
13251 CGATATTTAT GTGACCTTTG GTCCTGGTCA TAAAGTCACT CTGGTGCTTC
13301 CAAAATTCAG ACCAGACCAT CAGGTATTTT AGCGCAGGGC ATACCTCCCT
13351 GCACAGCAGG TTCATTCCCA GTGGGGACGT GGATGGTTTT CCCAGCAAAA
13401 TCTGTGAGCA GCCTGACGGC CGGACAGGCT TGCATCCTAA TATCCAAGAT
13451 AGTCCCTGCG TGTTATAGTT TCTGGGTAGT TTATTATTTG AACTGTAGCT
13501 ATTAATGTAT CGATAACTCA CAGTCCAAAC CATATTAAAC TCCTCTAGCA
13551 GTTCTGTCAG ACAGTCTTAT TTCCTGGAAG AATCAAAACC AGCAGAGTTT
13601 CCTGAGACTC TAAATAAGTG AAAAACCTTT TTCAGGAACC AGATATTAAA
13651 ATGTTTCTGC ATTTCTTCCC AGTAGTAGTA CTTACACAAA ATACTCATTG
13701 ACTTAAGATT TTTAAAGTAC TTAGAAAGCG TTAATAAGAT TTGATTTACC
13751 TTTAAAGTTA TTATACCAAT TACTTGATTG ACCTAAGGGT AAATAAGAAT
13801 TAAATGACCA ACGCGTGTGT GTGCACATAT TTTTAAAGCA ATTATAGCAA
13851 GTGTTAAATT ATTGTTTTAT GTACAAAGAC TGCAGTGGAA ATAGTTTCAA
13901 GGAGTTTACC ATTTTACAGA CATAGATAAA AAGAAATACA GCTGGGTGGA
13951 GTGCCTCTTT CATAAGAGTG GAGTGGCAGA ACGTGCCCTA GAATACTAAT
14001 GGAATTCTGA ATTCAGAGGA AACAATTCTG AGAGGTACAA TTTATTGAAA
14051 TAATGAAATG TTGTTATATC CCCCCCCTT TTATCCTACA CAGATGCATT
14101 TTGACTTATG ACGGGATTAC ATCCAAATAA ACCCACTGTA AGTTGAAAAT
14151 ATCATAGGTC GAAAATGTAT TTCATACACC TATCCTACCA AACATCGTAG
14201 CCTAGTCTGA CCTGCCCTCA GCATGCTCAG AACACTGACA TTAGCCTACA
14251 CTTAGGGCAA AATCATCTAA CACAAAGCCT ATTTTATAAT AAAATGTTGA
14301 ATATCTTATG TAATTTATTG AATACTGTAC TGAAAGTGAC AAACAGAAGG
14351 GATGTATGGG CACTTAAAG TACGATTTCT ACTGAATGTG TATCATTTTC
14401 ATACTATGCT CATGTTGAAA AATCCTAAGT CAAACCAAAC CTAAGTCAGG
14451 GACTGTCTGT ACACTGGTCA AGATAAATAT AGTAGTAAA TCAATATTGA
14501 TAGAATTTTG TATTTGAGGG GGAACCAAGG AACCAGGAAG GGGTGAGAAG
14551 TGATATGGTA GCAGCCTCCA GAGAGCATAC CTGCTTTTGA GAAATAGGCA
14601 TTTGTGGGAG CCCCCCACTT TTGGGGCCTG GGTGCTGCAG TGGCCGCCCC
14651 CCCACTTTTG CAGCCTGGGT GCTGTGGCGG GAGCCTCCCC TTTTGGGGCT
14701 AGGGTGCTGC CATTGGAGCC ACCCCATTTT TGGGGCTGG GTGCTATGGT
14751 GGGAGCCTCC CACTTTTGGG GCCTGGGTGT CGTGTTCAG CACCAGCATC
14801 TCACCCATTT GCTGGGCTCT GAGATTGAAT GGTGGGCGTT ACATGGTCTT
14851 ATACGTCTTT CATGCATTTT ACTGAACTTT TTCTAAACGA CTCTTACCCA
14901 TGGCATATAC ATAGTCACGT ACTACATACC TGTACATGTT AATATTGATT
14951 CTTTCTTAAA TTGTCACCTC ATGTGCCTCA GTGCTTATAG ACCAGAGATA
15001 GGTTTTGAGC TCAGACACCA TGGGTTTTCA GTATTTGCAA ATTCTCTCAA
15051 AGTAAAGTCT TTGCAGAAGA AATATGTGGA GTGGTGTGAG CTAACCTAAA
15101 CATGATTCCC CGCCTCCCTA ACCTCAGGGG TCAGCCTAAG ACAGCATTGA
15151 TCCTACCCTG ACTGACCGGC CCCTTCCCCT TGCTACAAGT GTTGATGGCA
15201 GGCATGACAC TCCTGTCCCC GCGAGGCATG GCAACCTCAA ATTGCAGAGT
15251 CCCTTAGATG CTCCGTGGCT TCGTTCCGCC TTGGCTGGGC ATTCACTAGT
15301 ACTTGGGCTG CTAAGACTGA GCACTGATTT TTACAAAAAC ACTTTCAGTG
15351 TTCTTATGTA TTACTGTCT TAACGCTAGT GTCCCTCACC CCAACCACC
15401 CTTTCTGATA AAATTTCTCC CACCACCAT AACCCTGACT GTGCTCTTGG
15451 ACTGATTACT GGGGAAGAAC AGCTGGTCGT CTGTAGGGCT TGAGATCTGC
15501 CCGTTGGTGT TTGTACTCAC CCTGGCCCTC AGCTGGTTTG TGGGCATAAA
15551 TAAAAGGAAC TCCCTCTTCC CGGTGAACCA ACGGGGGTCC AAGCTGGACG
15601 TTCGCATTTT CTTAAGCCTC ACCTACAGTA CGTGTGCATC TCTCATGGCT
15651 TTTCTGCCGC ATCACCCTTG TGATACTCAC CATTGCAAA TCTAGTACTT
15701 GACTTGCTTT CAAAGAAGAT GAGACCCTGG GCAAGGTCTC TCAGCAAGAG

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15751 GCGAGAATGG TCTCCCCAGG GCCGTGGACC CCTGGGATAA CCGAACCACG
15801 TACTCCTTTC AAAAGGATCC AGAACTTCCT CTGCAGGTGC GGTGCTGGTT
15851 GATGTGGGGG CCACCTCTCT GGGCCCTAA CACTTAGCCA GGGCTTCTG
15901 CTGATTATTC TGAGTCAGAG GATGTGGATA TTCGTTTTTC AGGTACAAC
15951 GGGAGGGCAC AACCTCCAC CTATAGACGT TATCAGTACA TTTATAATTT
16001 TCAAGGCAAA TGATGGTGGC AGAACCTCCC AAGGTCTCAG GGGCATTGGG
16051 ATTAACCCAT TCCCAATTGC AGAATGGGGT GTGCTGTAAC CTGTGCCAGC
16101 ACCTCTTGAG ATGCAATGTG CTTGTGAACG GTCTGGGATC TTGTTAAAAAT
16151 GCAGATTCTA ATGCAGCAAA TCTGAGGTGG GTCCCAAGAT TCTGAGCTCC
16201 AGGTGATGCT GATACTTCAG ATCCTGGGGG ACCTGGGAA GAAAAGCCTT
16251 AGAGGAGCCC CCGCCTCCT CCCATGCACA CACACAAGGA GAATCCCAGT
16301 TGGATTGACT CTGGCCTTTT TTTAGTTCTT GCTGACATGA TGCTGACTGC
16351 AGTCAGGGAA AGGAGAGAAA TGGGCAGGCT GCAGTCATGC TGGAAAATAG
16401 CTTGATGAGA CTAGCTTAGT GGGCAGGTAG GTGATGGGAA AGATGAACTT
16451 AAACAACCTT GGTTCTAGGG TCATTTCAC CTGTTTTCAA GCAGCTGGAC
16501 AGGTAACCTT CACTCTTGA ACCCGTGGCT CCTCCCTGGC TTGTCTGTAG
16551 GTGGTTTTAA ATTCTGAAAG AGGTGATTTT AAATGCTGAG GCTTAGCCCA
16601 CACCCCTGC TCCAAGGACC AACAGCGCAC TCACTTCTTG CTTACCACCG
16651 TGGCTCCCCT TCTGGTGTCC TATCCCATCT CTGTCCCTAG GCCCAGCCAG
16701 CCTGTTTTGG GGATGAGCAT TGCTGCATTG GTGAGCTGTT TTGGAGTCTT
16751 GTTTTTCTCT TTATCCTTGA ACAGGGAAAG TCACTGTCTT TGTTCCTTGT
16801 GTCCTCTCCA CTGCTCCCAG CCAGCCCTTC CACACTGTAC CAGTTAGTGC
16851 ACTGTGTGCC TCTTGGTAT TTTGAGATCA TAGTTGACAA TTTAATTGG
16901 CCCTGAAAAG TTCTGTGACC CAGGAAAATG AGCATTATATG AGTTCACAGA
16951 AACCATTAT TTTCTTCCT CTTAATTTAG CATTACTTG TCTAACTACT
17001 TTATTTATTC CTCTGTTGCT AAATTATCTA TACTCCTGTA GGAACTTCC
17051 CACCCTTGTA ATGAAGACAT CAGGCTGTGC ATTGTAAATG GGGCTCCAAT
17101 TTCTATTTTT CGGGGAGTTG GCAGCACAGA TCTGCCAAGT CCAATCATC
17151 TGCTTGATTT ATCCCCTACA CCCTGTGGGT TGTTGCTTTT GCTTCCCATT
17201 TGGATGGAAG TAAATGTCGT CTTGTGTCA GGCAGGCTCT AACAAGGCC
17251 AATGAGTGGG CTCTACTCTT CAGGCCTGCC AAGCCAGAGC CATTGTCCTT
17301 CTGCCTCCAT GGCTGTGGTC TCTGCCACTG GCTCCTGGGC TTTGTCTTGT
17351 CACCAGCCAC CTGGGAGGTG GAGCATACTG GAACTAGACA TGGAGGATGT
17401 GGGAGGATAT GGGCCCAGTG CTCTGAGCAG GCGACACCGA GAACACTGTG
17451 GTGGGTGCTG GCACATTGGT GTTGGGGGGA GGAAGTGTGG CCAGGTGGCT
17501 GAGAAGCCAT CTGTCCACCA GCCTCGCCTC TCTCTTGATG GGTAGCCATC
17551 CTTTGGGGCA TTCCCTTCAG TCAGGAAGGT CTGGAACAAG AGAAACCCAA
17601 TGTCTTTCCT CCTAATAAAA ATCAGCCTTG TTTTACTCCT GCCAGGAGTG
17651 TGTGCTCTTG GCAGAGGTGA AGAATGAGTG TGAGTGGCCT GCGGGGCTGA
17701 GGTCTTCCCT CAATCACAGG GTGAGTTTCA GTTTGATCTT GCACAGGGGT
17751 TGGGGTTGGG AGAGCTGGTG CTGGTGCTTG CTTTGGTTAG GAGACTCTGA
17801 GAGCATGTG TCCCTTGGT CGGTGGGACC GGGCTAAGGT AGCCCCTGTC
17851 TACCTGCTTG ATGTTGTGTC TAGACACTGA GCCCTTGGCT TTTCTTCCTT
17901 TGTTCCAAGA GGGCCTTGGG TGCAAATCAA AACCCTTCTG GAGGGCTTAG
17951 CTGGAGACGG AAGCTGCCAT TGTTGCTTTT GTTAAAATAC TTTGAAGGTT
18001 AAGGTTTTGT GTTATTTGGG ATCTAGATTG AAAACTGTGT GTATTTTCT
18051 TTTTAAGAGT TGAGAATGGA AGTCATATTC TATTTCTTGC AAAAGCCCTT
18101 TCCAGAGAAT CAGTGAGACC ACCAGTGAGT CTGTGATGCA GCTGACAGAA
18151 GCGCCTCCCC ACCTGTGAGG GAGTTGGCCT AGCCTCAGAG GTGACAGACG
18201 CCTCCAGCAC AACCACGCT TCAGCCCAG CCAGGGGCCT GGGCCCTGA
18251 AGCATGGCCT GCTTTTTTCAG AGGACGTCTC TTCCCTGCT CAGGCTGAAA
18301 GTCCTCAGTG CTTCTGGTGG CCTGCTTGGC TGGTGGCAGG GCTAGCTGCT
18351 GGTATAGGCA GGCTGATGTG CACGGCTCTC TAGGCTCCTG GGAGAAATGG
18401 CTGCTGTCTT CCTCCCCAC CATAGAACCC TGTTAACTCT CACCTTGTGT
18451 GTTTCATGTT GCCACTTCTT CCTCCAGGAT GTTTGTTGTT TTAACCCCT
18501 ACAATTGGTT TTTCTGTTG GGGCTAAATC ACTTTGCCTC TTGCCTGTGC
18551 TGCCGCTTAA GGCATCCCCG GCCCTGCCTT TGCTTCAAGT GCACCTCAA
18601 CTCAGAGGGC CCCGGAGGCT AAAATCTGTT TGTTCCCTAG CCAGCTTTGG
18651 AGCTAAGGGA ATCGCCCTCT CCAGCCTTTA GGTGTCAC GAGTGAAATA
18701 CAGGCAATAT AACAATACCA TTTTCAGGGT TGTCATGAGC ACTAAGATGG
18751 TACATGAGGT GCCCGGCACA GATTGCCTCC ACAGAACACA ACAGACAGAG
18801 CTGTGGTTTT GTGTTGTCA TCCAGAACC TCAGTCAGTG GCTGTCAAGA
18851 AGACTGTGCG CCCTTCCTGA GCCACAGTCT GATGTGTCAA CTTACAGTGC

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18901 TGCAGTTCTT GTCAGTCTG GCCATGGCCA CATATCACGT AGCAAGGCAG
18951 CCCTCAGAGT GGGAGGGTCC TCTTTCCAGT GGAGTGGTAA ATATCTTGGG
19001 ACTGGGCCCC ATATCCTCAG TGTCCAGAAA GCCTGGCACA CAGCAGGATG
19051 TTCAGATATT TGTTGAATAA GTGAACGAGT CAGCCATCTT TTACTATTCC
19101 TTTTGTCTATC GTATGGGGTT TGGACAAGGT GTCTTGAGTT TTGGGACTCC
19151 TTACATAAGA AATCCCAGGA GATAGTCACT GGACTCCCTT GGGCTTCCAC
19201 ATCTGATAGA ATCCCATCAG TTTCAAATCT TCTTAACCTT CTTCTTGAAC
19251 CAGGAGAGGC TTCAGAGAAT CGTATGGGAT GTGTGTAGGA ACAGGTGGGA
19301 CCCTGACTCA GTTGCCATCC CCTTCCTAGA ATGGCTTTGA GGGCCTGCTT
19351 GGCTCTGACT GTTTCCTCTG CAGAGGCCAG CATCACTGGC AGGCAGCCAG
19401 ACCCTTGCCA AAACCATGAA TCCAGAGAGT GAAATGTAAA GTCAAACAAA
19451 TGCAGGATGC TTTGTTTGTG CTTAGAATTT TCAGGGTCAG TAGAAATAGT
19501 CTGTGGCTCC GGGGTAGGTG GTTGCCAGCC ATCCTCACAG AGGGCAGAAA
19551 GGAGCAGAAC TACTCTTTTA AAATGTCATT AAGTAGGTAT AAGACTCCTG
19601 ATGGCTTTCC TTAATGCCAG TCTTAGGACA ATTGAACTGA AAGCTTGTTT
19651 GAGCTCTGCT ATCATTTAAA GCTTGCTCTC TAAGTAAAGA GAACAGAACT
19701 CTTTTTCCAT TTATTCTCTT TTCTGGCCTT GCATTTAAAC GTCCTTGAAA
19751 ACTTTGGTCT CTATAGAAAA GATGTCAAAT TTCTGTTGGT TCTGCTGATG
19801 CCACATTTTG AATGTCCATT CCAGGTAAGT AGGCTTTCAT GTGGGGATGC
19851 TGGGAGGTGT CAAACGGGAG AGGCCTGCCA GGCAGATACT CTAATTAGAG
19901 TGGCTCTAAA ATATGCCCCA TGGTGCCTCC TCTTCTTCCT CTGCTATTTT
19951 CTGTTTGGT GTTACTGCTG TTCTCATATT AGCATTTGAA GAGTGAAGAG
20001 CAGGCTTCTG CCCGGGTGCA GTAGCTCATG CCTGTAATCC CAACACTTTG
20051 GGAGGCCAAG GCGGTCAGAT CACCTGAGGT CAGGAGTCCG AGACCAGCCT
20101 GGCCAACATG GCGAAACCCA GTCTCTACCA AAAATACAAA AATATTAGCT
20151 GGGCATGGTG GCACACACCT GTAATCCCAG CTAATTGGGA GGCTGAGGCA
20201 GGAGAATCGC TTAACCCAG GAGGCGGAGG TTGCAGTGAG CCAAGATCAT
20251 ACCACTGCAC TCCAGCCTGG GCAACAGAGT GAGACTGTCT CAATAAAAAC
20301 AAAGTAGGCT TCTCTGCTTC ATGCTTGAGT GTTCATGCCT GGCAGTATGG
20351 CTTAGGATCA TATCTTTGTG TCCTGAAGCA GAAATTCCCA TTTGACTTTC
20401 TCTTATCCCT ACCTAGAGGG TCTCTGAGCC CTGGGCTGGC TTGGCCAATC
20451 GGGACATCTG GTTGAATTAA ATCTTAGTAA TCAACAGACA CCCACTGAGC
20501 ACCTAGCTGT GTGCCTGGCC CTGTACTAAG GCTGGCTAAG TGGTTGAAGA
20551 GAAATGGGAT TTGTGATTCT ATCCTTGAGG CTTGAGGGCC ATTGGGGTGG
20601 GGGTGGGAGG TAGGAGCAAT CAGCTGCTTC AGAATGGATT CCAAGTTAGC
20651 AGAAGGAATC ACCTACATTA GTTAATGATC TTTTCTAGT CTGTATATAA
20701 TGTCGAAATT AAGATCTCAA CTTTAGCCTA AAGAAAAGTG GGCATATTTA
20751 TTAAGTAATA AAGAAGGAAG TACATCTTTA TTAGAAAGAA GTACATCTTA
20801 ATAAAGAAAG AAGTCCATCT GCCTCCCGGA TTCCCCACGC CTGGTCCCAG
20851 GACACTTGTG CTCATAGTCC AGACATTCCC TGTCCAGGTG CATGTGGCTG
20901 ATAGCAGATC TGGTATCACA GGTGTTGCTT GGGCCCTGGC TCAGCTGTTC
20951 TAAAGTCTTT AAGAGTGCGG GTTGGGGGCT GGAGGAAGCC GGAAGTCTCT
21001 AGGTGTACCC TCTATAGGAT GGACATAGTG CTGAATGCAG CAGCCCTCTG
21051 GTGTCCAGAA CCTCCACCAG CCCCCTCCTT TACCGTCTTT CAACACTCCC
21101 TCCCAAACT TATCCACCAG AGCCTGTACT GCTCTGGGAC CTCTCCCTG
21151 AAGTGGTTCC ACCTGATATG GCTGTGTTCT TGTGCTCA GTGACACCTA
21201 AGCTCTCCTC AGAGGACTTG GGCTGGCAGT GTAGAGGATG TGGGTGCTCA
21251 TTATTAGTGG TGGACAAGTT TCAGGGCCAG GGGTGGTGT GAAAGAGGGT
21301 GAAGAAAGGG GCTGTTGAGG TTCTGGACAC CCACAGGGCA GCCACATTCA
21351 GCACTGTGTC TATCTTATGT GGGTGACACT TAGAGACTCC CAGCTTCCTC
21401 TGTCGTCTTT CATCTTGCTT AGGGTACTGC AGCATGTGAC ACTACCACCC
21451 CGGTGGCCAA AACTGTCTTA TTGGAGGTCT TATTCCTTGC TGTAGAGTTG
21501 CACCTTGGTC CAGGTATCCT TCCTGGTCCA ATTGATTGTG GCCAATTGTC
21551 TTAGCCCAT TTAGTGTGCT ATAAAGGAAT AGCTGAGTCT GGTAATTAT
21601 AAAGAAAGTA AGTTTATTTG ACTCATGGCT CTGCAGGCTG TACAAGAAGC
21651 ATGGCCCCAG AATCTGCTTC TGGTGAGACC TCAGGAAGCT TCCACTCCTG
21701 GTAGAAGGTG AAAGGGAATG GGTGTGTGTA GAGATCACAC GGTAAACAGAG
21751 CAAGCAAGGT GAGAGTGAGA GGTTCAGGC TCTATTTAAA AGCCAGCTCT
21801 CTTGGGAACT AGTAGGGTAG GACTCACTCA TTGCTGCAAG GATGGACCA
21851 AGCCACTCCT AAGGGATCCA ACTCCATGAC TCAGACACCT CCATTAGGCC
21901 TCACCCCAA CACTGAGGGT CAAATTTTGG CATTAGGTTT GGCGGGGGAC
21951 AAACATCCAA ACCATAGCAC CAGTTGTCCA GTAATTCTTA GGAACAGAAA
22001 CACTTTTATG ACCATGCTGA CTAGAACAAA ATTATCTGTG ATTCGTTATC

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22051 CATTCCAGAT GAGAATGGTA TATATAATTT AAATCTGAAT TTATCAAAA
 22101 TGA CTGTTCT TGTGTTACAA GTAAAGATGA TCATGAACTG CACTGTACAA
 22151 GAAATTTCTTA TCTGATATCT CACCGTGGGA TTATGAGAAA GAAGAAAGAA
 22201 TCATCACAAA CAGCTTTTAA AATGTGGTGA GCACAATGGT GAGCGGCAAA
 22251 TGCAGCACAA AGCATATTTA GTTAGCAGCA CAGGCCAAAC CGTGGGTGAC
 22301 GTGAGAATTT AGCACAGAAA TCGCTGGGT GGAAGGTGGG ATTGGGAAGG
 22351 ACCTCTTGA GGCAGAGGTA CTTGGAGAGG AAGACCAGGA TCTGGGTGGG
 22401 CAGAGTATTA GAGTATTTAA GGAGGAGTAA CCCTCAGAGT CTAGGTGTAG
 22451 GGTGGAATAG GGCCATATCT GTCAGGAGGG GAAAACGGAA CAGATTGGTT
 22501 AAGGTGGGTA TCTGGGTCTG TGAGCCAGGG GATTTCATCAG GGACGCTTTG
 22551 GTGGCCAGGA GCAGAAATCGC CTGCTAACAT GCTCATGTAC AAAGAAGGGT
 22601 TGTCATGAGG CCCCAGACCT TCTCCCAAAG CCAATGGCAG GATGCCTTCA
 22651 TGGGCTCAGG CTTAGAGGCA TTGGAAGTCT GTCTCCCAAC TCCCTTCTGA
 22701 GCCACACTGT CTCCCTTCTC CATTTCTCCC TCCTCTGCTT GTTCTCTCCA
 22751 GAGACTGGTC TTTCCAGAGA GCTCTGAGTG TAGCCCTTGC TGCAGCTCTG
 22801 GGCCCCAGAC TGTCTCATTT GAGTTCTGTC TGTATCCTCA GGTCTCAAG
 22851 GGGCAGAGCC TTATTTGGCTC AGCTTGGGGA AATATCTTCC CAGATCCATT
 22901 TGCCTGTGGC CAGGAGGCAG GTCCCACTGG GTGAGGGGCC CTCCAGGGGC
 22951 TCTGAGGGGA GGATGTGGGT GCAGCGCTGG GTGGCTCTTG TGAAGGAGTG
 23001 GCAGGAGGTT ATTTGGGGTG GAGGACAGTT GGTGAGGCTG CAGAGCCAGC
 23051 CTCAAACCTC TCAGCAAGCA CACAGAGAAA CGTGAGCCAA GTTTGTATAA
 23101 ACATGGGGCA TTTTATGGAG TTGCATTTTT GGATCTTCAG AGCAGGGGTT
 23151 GGCCCTGGCA GTAAGGCCTG CCTGTGCTG TTAATCTTT GCTCCCCTGC
 23201 TTTGTTTGCC TGCTTCTCTC TCCCTGTCTT GTGAGCACC TCGCCATACC
 23251 CTACCTCACC AACC CGCCT GTCTGTGGCT GGGCAGCTCA GAAGCCCAAC
 23301 TTATCCATTC CTAGGATGTC CCTGCAGACA GGCTGTAAAA CAGGCTTGGC
 23351 CTCCACAGGC CCACTTGCA TTTGCCAGTC ACTACCCTGG TCCCTCCCTC
 23401 CATCCTGGTG CCACTGCCCT TGGCTCCTGG GGTACTATGG TTGGAATGTG
 23451 TTCCCCAAAA AGCATGTGTT GGAAACTTAA TCCCCAGTGC CACAAGTTGG
 23501 GTGCTGGTGC CTAATGGGGT TGTTAGGTA ACGAAGGCTC CATGCTCCAT
 23551 CCTCAGGAAT GCCGATTACA GAAGGGCTTG AACTGGGAA TTGGATCTCT
 23601 TGCTCTCTGT CTTTGACCTT TCACCATGGG AGTATGCAGC AAGGAGGCCT
 23651 TTGCAAAATG CCAGCCCTC AATCTTGGAC TCCCAGACT CCAGAACTGT
 23701 GAGCCAATAC ATTTCTGTTT ATTATAAAGT ACCCAGTCTC AGGTATTCTG
 23751 TTATAGCAGC AGAAAATGGA CTAAGGCAGC CTGTGTCCCC GCCTGACCCT
 23801 TCAAATCAG TAAAGGGGAG CAGGCTTTGG TGCTCAGTTG TGGCCCTGTG
 23851 ACTCCAGAGA TACATATCCT GTGGCTGTAG GGAGCTCCTT AGTGCAGCTG
 23901 CTTTGAGGTT TAGCTGGAAT CATTCTTGGT AAGAAAGAGG GGTTACATGG
 23951 GAGGGGAGTC ATGGCTTGAC CAGATGCCTC TTCTTAGAAG GTCCACCACC
 24001 CTGCCAAATC CAGCAAGCAA AATAGTTGAG CTGCTGTGGG ATAATTTGGC
 24051 CTGTCATCAT GGAAGACAAG ATGAGATAGA TGCACTCCCC ACCTCCCCAG
 24101 TTCTGAATCT CAGCTTTGCT CCCAGCTAGA TACAAAGTCT TATTGCATTA
 24151 AAAATTTGTT TTTTGTGTG ATATCTCTTT CTGTGTAGCC AAGAGTTAGA
 24201 GAGGGCTAGG GAACCAAGGA CATCTCTAGG GTGAGGATGA AAGGGGGCAG
 24251 TGTCATCTGG AGCTCTGGGC TGAAGTCTG AATGGCTCCT CTTATCCTTC
 24301 TCTTATAAGA ATAAAGAGGA AGATCATGCC ACTGCACTCT AGCCTGGTGA
 24351 CAGAGCGACA GAGCAAGACT GTGTCTCAA TNNNNNNNNNN NNNNNNNNNN
 24401 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24451 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24501 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24551 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24601 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24651 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24701 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24751 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24801 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24851 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24901 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 24951 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 25001 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 25051 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 25101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 25151 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN

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25201 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 25251 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN CTTAAGGAGG AGGTAAGATT
 25301 TCCCAGCATT GGCAGCCAAG TTGGTTACTG TGATACCAAC TGTGGTTACT
 25351 GTGAAGGGCT TTTGGAGGGT CAGGAAACCC AGTGGGAATG TGCTGGTGT
 25401 TGCTGACTCT TCCACTGGCC GCTGGAGACA GCAGCAGGGC TGCTGCTGAG
 25451 ATGAGGCCAG AGGCAAGCTC ATGTACTTCT GCTGGAGGTG CTGCCATGGA
 25501 GGGACAGCCT CCTCCTTAGA GGTGGAAGTG TCAGGCACCC CCAGGCACAC
 25551 TGAGTACTAA AGATTGGTTG AGCTGTGGTG GCTCCTTCAG AGTATGCCCC
 25601 TTTTCATCTAG GTGGATGAGC ACCCCTGCGC TATGGGATGG CCATGGCTAG
 25651 TGAGTGGTCA GAGCTGCCCA TGAGTGAGGA GAGGAGGGCA TCTCAAAGGG
 25701 CAGGACAGGG ATAGCCCAGG GACATACAGG GCCCAGGACA GATGAGGTAT
 25751 CTATACCTGC AGAAGACCAA GTGGAAGGCA TCCTGGCATT CAAGTGGGTT
 25801 GGAACAAATG AGCCAATGGG CAGCCCCAAA GGCTGAGAGA AAGTCATGGG
 25851 TAAGAGCCTA GCATGGAAGG AAGAAGAGGT GTGAGGGAGC AGTGTGACA
 25901 GGGGTTGGCC ATGGCCCATG GGTGACACT GTACCAACAG ATGCCTTTCC
 25951 CCCAACCTGT GTCTCCAGC TGTTGCCTAC TGACCACAGT AGAACTAGTG
 26001 GACCCCTCCC CACTCCAGAG TCTCAGAAAC AATGATGAGC ACTTCTTTCA
 26051 GGCTGGGTGC TATGCTGATT GCTGGGGGCA CAACCAGGAT GCTGTTTGTG
 26101 GGTGGAATTT GGCAAGTGGA CAGCAGCTAC CAGATACTGA GTGCTCTTTG
 26151 CCCTCCTCTC TCAGCTCTCA CTGCAGTCTC ATAGACACTA CCCTACCTCA
 26201 TTTTGCAGAT GAGGAAACTG AAGCTCCTGG AGGTTAATGC CATGTATATG
 26251 GTGACCCAGT GCCGGGGGTC TGGGGTGCAG GTGAGCCCCCT TTGTGTCTCG
 26301 TGCACCTGCA GCCAGTGGC CCCATTCTCC ATGTCACCGG GAGGCTTCTC
 26351 AGTCCTGGCT GCTTGAGCCT ACTCTTCCCA CCTGCATCCA GTGAGTTCTG
 26401 GATACTGAGC TGGCATCGGT CCTCATGGAA GGCGAGTGTG GGCCTGCCCA
 26451 AGCCATCCTC TGGCTCCACT GACTTGCTGG GAAGAGAAAC TGGCACCCT
 26501 GTTTACATTA GTTCTGTGTC CTGTGACACC CAGCTGATAC CCTCTGTTAC
 26551 GAAGGGACAC CCTTCCCCAT ATGTGGGAGT AACAGGGCAC CCTCATTGGA
 26601 GAACCTGCCC AGCCACTGG CACCTGCAGA GGTGTTGTCTG AGGCAGCTGG
 26651 GCACCATGGT GCAGAGCACT GGCCAGGCC ACTGGGGCAA GAGTTGTAA
 26701 GGTGTTAAGA TGCATGATTA ACCCAGTGGT TCCCAAACCT GTCCATACAT
 26751 TAGAACCCT GGGGTGGCTT CAAAAAATGC TGATGCCTGT GTCCACCCC
 26801 CAGAGATTGT GATTTAATTG GTTAGGGTA TGGCCTATAC TCTGGATTAT
 26851 TTAATGTCC CCATTTGAGA ACTGCTGGGT TAGCCTATGA GAGAAGTGTG
 26901 GGCAAAATGC CACTTCTGT CCTCATTGTC TTTCTCAGCA CCTACTCCTC
 26951 AAGGGAATA ACTGATTAG GCTGCAGGG ACAAAGCTTC CCTGTGCCTT
 27001 TGCCAGGCA CAAGGCCCTT CTTGGGAGGT GTGGGTGGCT AAGGCTGGCG
 27051 TGATTCTGA TGTGGCACGT GTGGGCGAGG TATTTCTCTA CTTGAGGAGT
 27101 GACATTGCAT GCCGTCTGCA TGCTCCCTCA TTCCTTTCTC ACGACAATCT
 27151 TATAGGTAGC ACCTTTCAAT CTCCTCTTCA GACGAGGAAA CTGAAGTTCA
 27201 TGGTGCATCC TACGTGAGGA ACAGAAAGAG GACAGGGAAT AAAACTGGAT
 27251 TTTCTTGGG ATTCTCAGAT GGGCCAGGTC CTAAGTAAAC ACCAATCTAG
 27301 CTCTGTGAC CACTGGGGC CTTTCTTCTT TTTGACTCTG TTGTAAAAGA
 27351 AAATTGAAAA ACGGTCTTAT TGTGCCTTAA AGCCTTTTAA ATTAATATA
 27401 ACTCATTTAA TTTAACTAC TTTAAGTTCC ATTTTAAATA TAAGTGTAT
 27451 AGTGGTACAA TGAAAGTGCC TTCTAATCAA AGTGTGTATG GGGATTTACC
 27501 TCCCTGTACA AAAAGCCTGT GGGAGCCCAA ACCAATGATT TATTCAGACA
 27551 GCAATCCAAA ATCACCAGAC CCTGAGTGAG GCACACATGG TGGAGGTTCA
 27601 TGAGTGTGGG TAGGAGTCGG AAGTTCTCTT GGGGGCTGTG CAGATTGAAG
 27651 GAGGCGGGTG TGGAGAGGGC TTAGCATGGA GCCTGGCGTG GGTAATTGCT
 27701 TAGTAAATGG AAGCTGCTAC TGGGATGCTA CTGCCATCCC TAGGACCTCC
 27751 GCTGCTTCCC CTGCTAGTTC TTAAGTCTGG TGCCACAGCT ACAAAGTAGG
 27801 GAGATGACAG TGAAGAGAGA GGCTCCCTG GTGGGCAGGA GGGATTGAAC
 27851 AGTCCTGAGC AGACAAATGT GCTCAGATTG GGTATTGAAG TAGAGACCTA
 27901 CTCCAGTACC ATCCCCCAGG AGGGGCACGG CCTGACCGCC TGATGTCACA
 27951 CAGCAAATCC TTTCCCTGT GGCAGTCTAT CCCCCTTCTT TGTTCATTT
 28001 TGCACCGTGG CACTTCTTAG CATGAGGTAT TCTCTACATT TCCTTTGTTT
 28051 GTGTGTTTGT TTGTTGCCCG TTTCTTCCAG TGAGATCCTA AGCTTCATAA
 28101 GGAAGTGGG TGGGGCTGCC TTGGCACTGC TACATCTCCA GGACAATAAA
 28151 TATCTACTGA ATGAGTGAAC ACATGAACAA ACGAAGGGAT GATGAAATGA
 28201 ATTGCTCAGG AGGCCCGTCA AGAGCTCTGC TGAGAGACCT GGGTGATGGG
 28251 GCTGAGGGT TGGGGAGGG TCAAGGAGGT GGGAAATTGA AGCTAGGACC
 28301 TGATGGGAAG GCATCCACAA AGCTGAGCCA CAGAGGCTGT GAGGGATGGG

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28351 AGTGGAAAGTG AAGAGGGGCC AGAGGAGATG CTCAGGAGGA CAGAGGGAAC
 28401 ACTAGCTAGC AGGAAGATCC AAGGGGAGGG GACCTATTGC TGTGTCAGAT
 28451 GACAGTTTCT GGTGGAAAGT CTTGGATTAA GGGATCTTCA AGTGTCCCTT
 28501 TGGAGAAGAG GGTGTGCCTG ACCTTAAGCA CTGGCCACTT TGGGTGTTTT
 28551 CAGCTTATCC CAATCAGACG CCACTTGAC CAGTCCTGC CCCCAGCCGG
 28601 CCCTTTCCCA GCTTGCTCAC CTTCTCAGAG GCTCCAGCCT GATCAATCAC
 28651 CGCTGGCCCC ACCATGACTC TGGCACATTT TGCATCTTTA TGTGAGACCG
 28701 TCTGTATCTG TGA CTCCCTA ATTCTGTGCA AAACAAAGAA TGAAAAATAG
 28751 ACTCAGACAT GAGGACTGTA CTGGAGGGCA CACTTCTTC CTTTTTTGTC
 28801 TTTTAATTTT CTAGGCACAG GTTATTCTAA ACCTCATCTT GGGCTTGCAG
 28851 TTGGCAGAAA GAAAAGTAGC AGATTGGAAT ATCATGTTAA ACAGGTGGAT
 28901 GTTAAGTTGT ATCATTTATT GGATGGTTCC TGGAGGGTGT AATAAATAAT
 28951 TTAAACATGA ACTCCTTCCC CCTTTCCTCT CAAGAGCCAC TTGTCCTTGC
 29001 TGTCCCTCTCT CCTCCCCCAG ACACCTACAA GACTGTCATG ATTTCTTTAT
 29051 GGATCATGGA CTGCTGGAAT GAAGTCAGTG CAGGAAAGAA GCTTGTTCGA
 29101 TCGACAGCAT GAGACATGA AGCGTCTCAG AATGAGGAAC GCATCACAGG
 29151 CTGTCCCTGT GTTTCTGTAG AAACCTTACC TACAAAAGGA AAAATAGAGC
 29201 ACGTCAGGCT TCAGTGACAG TCAGTATGTT CCGTGAGCCA GCTGGGAAAC
 29251 TGCACCTACC TCCATATTCT TACCAGGAGA TCTTGGGATA ATCTGATTTC
 29301 ATTCAGCAA TAGAATGTGT TTAGGGCCTA CGCTACGCCA GCGCTGTGTC
 29351 TGCAGTAAGA CATGAAGGAG ACGTGGACCC TGGGGGAGAT GGACACCCCT
 29401 CTTGTAGTTA AAGTCCAGTA TGACCATTGC TTTTGGGGTT AAGCAGCTCT
 29451 GCAGATAATG CCTGTGTTAG GCTGAGCCCT GCTAGTGTCA GTGGAATAG
 29501 CAATGACATG TTAATGAGGT TGTCTCTCAG GGTGCTGAGT TAGAGCCCCA
 29551 TGCTGCTAAC GTTGTGATG GTCTTGACG TGGTGATTGC TCATTCTGAG
 29601 AGATGTGGAT TACTTTCCAA ATCAAAAAGT TAATTAGTTT TTAATTTGTT
 29651 GGGTTGTCTG AGAGATACAA CTGGAATAAT CCCCTCTTGC CTTCTTGGTC
 29701 CCTTAATCTG GCTGTGTGCA GGCGATTATG TTTAACAAGG AGCAGTGATC
 29751 AATCAGTTAT TGACATTTAT TTCATCAAAT GTAACGAAT GTTTACTCAT
 29801 ATTGGTGGAT TTGCTACCAA AGACTGTCTT AAATTCAGGG CTAACTTTTT
 29851 TTTTAAATTT GTAAATGAAT AACCTTTAGC ATAAAGCTTT AAATGATATC
 29901 TAGAATTTAA AATCACTAAA TCCTCATATA ATATTTCCAA ATCATCTTAA
 29951 TTTCTGAAGA TGGGCACCTA TCCTTTTGCT TTCTTTTCTG TCTAGTGTCT
 30001 GGTAATCACC ATTAATTCCA TTTCTTTTTT GAGTATCACA GCTTTCTCCT
 30051 TCACTGACCA CCCTTTGCTT CCTGTCAGAA AGCCCTGGAC AGAACTCTCT
 30101 GTGGGACTCT GCCCATGTTT CTGAGATATC GCCTCAATTG TCCTGGCTGG
 30151 GCTGTGCGGT TCGCCCGTTT TACAGATGGG CAAACTGGAG TGGGAAGTAT
 30201 CCGGGTGGCT TCCTCAGGCC TGCAGCTGGT GGAGCAGCTA CTGAAACAAT
 30251 CAGGTGATTC AGATCTACTG GAGGCTTTGC CCTCATGGGC ATAATAAAGT
 30301 TGGTATTCCC AGGTCTGCCC ACAAGAAGCT ATTGATGGGT TTATCATGTT
 30351 GATTCTTTTT TAAATTAGTA AAGTAAAAGA GTACCTTAAT AGTAAAGACA
 30401 TTTCTTGGT ATTTTAAAA AGTCATGTGA CATGATCTCT TCCTTTTGTC
 30451 TTGATAAACC TCCCTTTAAA CTCTCTGGCT TAGTTATTTT AGACTTCCCA
 30501 GCCTCATGTA ATACTGGTTT CCTTACATTG ATCCATTAT TGTCAATTAT
 30551 TGTAAGATAG GCAATAGAGG GGACATCGAG CTTGCTTGCT GTGCTATCTC
 30601 TGTTTCAGCC CCAAAGTGCT GGAGACTTGC ACTGTTTTGT TTGTTTGTTT
 30651 GTTTGTTTTG AGACAGAGTC TTACGCTATC ACCCAGGTG GAGTGCAGTG
 30701 GCGCTCCATT GCAGCCTCTA CCTCCCTGGG CTCAGGTGAT CCTCCCACCT
 30751 CAGCCTCACA AGTATCTGGG ACTACAGGTA GGCACCACCA TGCCCAGCTA
 30801 ATTTTCATAT TTTTTGTAG AGAGGGGGGT TTCACTATGT TGCCCAGGCT
 30851 GGTCTCGAAC TCGTGGGCTC AAAGGAGACT TGCACATTCT TTGCCTATAT
 30901 GGCCATGCCC AGCCCTCTCC CCTTCACATC TGGTCTTCTG GGAAGATGAG
 30951 AAAGGCAAGC TCAGCCTCTG CTGATTGGGC AACTCCTAGG CAGGGCTGGC
 31001 TGAAAGGTGC AGGGACCCCT GGCCTTTATC AAACCTCCCTC AGCTATCTAA
 31051 GCCCTAAAG GTTTAGTGTT GGCAGCTGTG CCTCCCCAC CTTTGACTGT
 31101 TCTTTAAGGC AGTAAGCCCA TCTACCAGGG CTACACACAC CTCTCTCTAA
 31151 CCCCAGAGCC ATCTGACACT GTTCTCTGTG GTGCAGGAGG GGAACACTGA
 31201 CCCCTCGATT AAGTGGCATT TCTCAAGAGC CAGCACCCCT TCGGTGTTTT
 31251 TCATGAGCAC TTGCAGCAAG CTCTGCATAA CTGGAGGAAG CAGGGGGTGT
 31301 TTAGACCCTC CCCCAGAATA TCCTGTCTT TGCTGGATTA TTCAGCTTGG
 31351 CTTTCAAAC AGCCCCGGGT TTAGGGTTAA TTCTCTCACC TTCTCTGGCT
 31401 TTGAAGACCC AGACATGGTG TGCTGAGAAA TCCAACAAC CAATAGTTTT
 31451 CCTTCTGCCT TTAACCTCAG CATATAAATG AGATAAAGTG TGCAAAACTC

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31501 TTACTGTGTG CACAGTAAGT GGGAGCCAGC AGTGAATAC ATGCTACATA
 31551 AGGCGCCACT TTATTTAGCT GTATTTTGTC AGTCCAAGTG AAGATTTTAA
 31601 TTGCAGAATA GTGTCTTGCT AGCAAAAATG AACCTGCTTA GAGTCAAGTT
 31651 TTTAAATTC AAGTGAATAA ATGAAAAATT GTAAGAAAAGA TTGTTAAAGA
 31701 AGCATTTCATT TTAAGAACAT CTCAGATATG AAAAAGCTTAG AACTTAGATG
 31751 TCAGAATTTT AGTAGCGATG AATCCCATGG CAAAGCTTCC ATCTCATCTG
 31801 TACTAATTGG TTCATAAATT GGACACGTGG GCTTCCTTTT GTGTGTCCTC
 31851 AGGAAGTTGA GGCCTGAGGA ACTCTGAAGC CAGGAGCTTC CTCAGCCCCT
 31901 CTGCTGTGCTG ATGGAGGTGC TGCCAGTCAG GGGCCCCTCT TCAGGACACT
 31951 GGCACAGGGA CCTCCTCAGG CCGGGCCCCT TGTACAGCGG ACTCCTTTCT
 32001 GCTTTGTCTA TGAAGATCTG GCCACGTTGA GCTCCACTCC ATTCTGCTTT
 32051 GTCTACGAAG ATCTGGTCAC ATGGAGCTCC ACTCCATTTA CTTTTTCGTT
 32101 GCATTCTCTT CTCAGTGTGG TTGCTTTTGA TCCCCACTT TCGTAACCCA
 32151 CATAGCCAAT ATTTTCCCAG TGAATCCCAT AATATTCTGG GTGACAGACT
 32201 GAGGCTTACT CCCTAACCAA AGACCTCTGA GAGCACAGAT GGAGAGGCGT
 32251 GACTATGATC TGGGGCAGGG CCTCACCATC CTTTCCAGA GCCTCACCCC
 32301 CTGTGCCCAA GATGGACATG GGATGGACCT AGGGGTAGAA TTTGAGAGTG
 32351 CTCATTTATA CTCTTTCAGC AGCCTTCAAA CTGTTTTTTG GTAGCTGAGA
 32401 ATCTGTAATC GGCTTTTGGA TTATGAAAAA TATTGCTCAG CACTCATATT
 32451 ATATTGATTC AAAAATAAGG ATTGTGTAGT TTAAGTGCAT AGTAAAATAC
 32501 AGCTTTATAG AATGGTAATT TTTATTTTAA GTTCTTCTAC ATTATAGTGA
 32551 GAGATAACGG ATTCAGGAAG GGCACAATGA GGAATAAAGC TGTGTATTG
 32601 TATTGTTTAA ATGACATTTT AAATGATTTG GCTGTCAAAC TCGTAGAAAG
 32651 GTTATGAGCA GTGAATGAAA AATCTAAAAA TAATTCCCTG CTCAAGAAA
 32701 GTGTGATTTA TACTATAATA AAATTAGATT TTTAGTTAAA GAAATTTAGT
 32751 CATTAAAGTAA TGCCCATGCA CTAAGTCTCA TTTATAACCA TCTGGTTTGA
 32801 AGCTTCTGCA GAAAATAATT TCTTCTTAG ACAATGCATC CAGGGCCTTG
 32851 GTGTCATTAT GTCAATGAAT TTCACTCCTT ACATTTCTGC TACAGCTTTT
 32901 GAGGGGTTGC TTTTAAAGC ACTGGAAAGA TGGATTCTTA TTAGGCCTCA
 32951 ATAATTGAGG AAGCCGTTGA ACTCATTTAC CTCCCAAAAA TAATCTGATC
 33001 GTCTCCCTCT CTTAGCTCTT TTCATGAATG GTAATGTTGT TGATGATGGT
 33051 GGCACATGTT GGAGGACTGC CTGTGTGCTG GACACCATGC TAAGCATGGG
 33101 ACAAGCTTAT TATTATTTCA TTTGATCATC ACAACTACTC TATGTGGAAT
 33151 GTGCTATTTT TGCCTTTACA GATCAACAAA CAGAGACTAA GGAAATGTTA
 33201 AATAATTCAA CAAAGGTGAC AGAGGCACAG CTGGCCCCCA CTCTTAATCC
 33251 CTGTCATATT TTTACGAAT TTTCAGTAAT GTGTGTTGAG CATTTCCTTG GAGGAAGTAG
 33301 AGTATAGTGG TAGGACCTCA GAGGTTTGAG TCTAGTCCTG ATGTGGCCAC
 33351 TTCTCATGTG AAATTCAGCA AGTTGCAGTC TTTCCCTCAG TACATCTTTC
 33401 TTCATCTGTA AATTAAGAGT GGGGTTTGTT CCCTCTATTT AACAACTTC
 33451 TGATTACTCC TGGGTAATTT GTCTTATTTT AAAAATTTTT ACTGGAGCAT
 33501 ATCAAATATA TAGTAAAGAC ACATATTCTG AGTGTAGCAC TTGGTTAATA
 33551 TTTTGAAGT GAACATATCT ATGTGACCAC CACCAAGATG ATAATATAGA
 33601 ACATTTCCAG CATCCACAA ACCATTCTGT GTCCCCCGT CATTATCCTC
 33651 GCAAAGGTTA CTACTCATCT GTCATCAGAG ATTGGTTTTG CTTGTTTCTG
 33701 AGATTTATAA AAATAAAATC TTATAAACTG TACTATTTGT TTCTGCTTTC
 33751 TTTCCCTCAG CGCTATGACA ATGAGATTCA GCTACATTAT CACATGTTGC
 33801 AGAGTTTTTT CTTTTGCACT GCAGTGAAGT TTTCCATTGT ATGGATATGC
 33851 CACAGTTTAT CTGTTCCACC ATTGGTGGAC ATTTGCATTA CATATCATGC
 33901 TGCAATTCAGC CTTCTTATAC ATGCATTTTG GTGCTCACAT GAATGTACTT
 33951 CTGTTGGACA TTTACTTAGG AGTTAAATTG TTGGGTCAGG AACATAGATG
 34001 TCACAATAGT TATTTTAAACA TAATTTAATT ACAGGAAATT GGTAAACAG
 34051 ATATTAAAGG ATTAAGAAGG TGGAAAAGGA AACACTGCAA TAGTTAAGAG
 34101 CAGTACCTGC AGGAAGGAAT ACCTTTATCA CTACTGTCTC CAGGGGAGGA
 34151 GCCTCTCCAT ACTGGGACTC AGACCAATGA GGAAAGTTTT GCTGGTGCTG
 34201 GTTCTCTGA GGGTATAAAA ATTATAGTTC CTTCATATCC TTGTAAACAT
 34251 TTACTATTAA CAGTTTTTTA ATGTCACTTA TTATATGTGG TTTATAGCAG
 34301 TATCCCACTG TGGTTTCAAC TTGTGAAGTG CCTATTCAAA TGTTTTACTC
 34351 ATTCTTCAAT TAGGTTATTT GTATTTTCTT TATTGATTG CAAAAGTATT
 34401 TTATATATTC TCAATAAGTC ATTCGTAAGA TATATGGATT GCAAATATAT
 34451 TTCCTTAATG GCTTCCCTTT TCATTGTCTT GATCCTATCT TTTAATAAAC
 34501 AGAAGTCCTA ATTTTAATAA AGTCTGAGAT ATTCTTTTGG TTTGCTTTTC
 34551 ACATCCTCTT TAAGAAATTT TCACCTATGT ATTTAAAGTC ATGAAGATAC
 34601 TCTTGATATC TTATAGAGAC TTAGTTGCAT TACTTTTCAC ATGTAGTTCT

34651 ACAATCCATC AGGAAATGAT TTTTATGTAT GTTCTAAGAT ACGTCCAACA
 34701 TTTTTTCCAT GAGGTTGCCA TGATGTGTTT AAACCTTGCTT ATGGCTCAGC
 34751 ATACGGCCAA TTTTATAAAA TCTCGAATGG, ACACCTGAAA TGAAGTGCTA
 34801 TTTGGTACAG TGTTTGATGT CTGTCAATTA GGTCAAGTTT TAAAATTATA
 34851 GTGTTCAACT CTTCTATATC CTTACTGATG CTTTTTTCCT CTACTTGTTT
 34901 TATCAGTTAA AGACAGAGAT TTTTAAATTT TTCCAACCAT TATTGTGGGT
 34951 TAAAAAAATT CTCCTCTTAG TTCTTTGAGT TCTGGCTTG CATATATTTA
 35001 GACTATGCTA CTAGGTATGT ACAAGTTTAG AATTGCTATA TATTTCTGTT
 35051 AAGTTGTTCC TTTTCTAATT ATGAACCATC CCTTTTATC ACTGATAATA
 35101 ATTCTTGCCCT ACTTTATCTA TAGCCATGTT TTCTTGTTG AAGTTAATAT
 35151 GGTTTATCAT TTAAATCTT TACATTCAGC CTTTTTGTA ACATATATTT
 35201 ATGATATGTC TCTGTAGGC AGCATATAGT TGGATATTGT TTTCTCTATT
 35251 ATGCCAATCC TTGTGTGTTT TATTTTTTAT TTATTTTTTT TGTTTTGTTT
 35301 TGTTTTGTTT TTTTTTGAGA CAGAGCCTTA CTCTGTCTCC CAGGCTGGAG
 35351 TGCAGTGGCG CAATCTGGGC TTAACAAG CTCTGCCTCC CGGGTTCACG
 35401 CCATTCTTCT CCCTCAGCCT CCAAGTAGC TAGGACTGCA GGTGCCACC
 35451 ACCATGCCTG TCTAATTTT TGTATTTTA GTAGAGATAG GGTACACTG
 35501 TGTTAGCCAG GATGGTCTCG ATCTCCTGAC CTCGTGATCC ACCTGCCTCA
 35551 GCCTCCCAA GTGCTGGGA TTACATGCAT GAGTCACCTC GCCCAGCCCA
 35601 ATCCTTGTTG TTTAATGGGA TTATTAGCC AATTTATAGT TAAATAGGTT
 35651 TAAATATAAA CCCATGTTTT CTCTGTCTA TATTCCTTT CTCTCTGCC
 35701 TTTCATGTCT TCTTTGGAT GAGACAGTTT TGGTTACTTC ATTCCTTTGG
 35751 TGTCATAGCA CTAATTTGCG CATTTTGGG ACAGTACTAG GACATTATAA
 35801 CACTTTAATC TCATTTGACC TCCTGATCTT TTTTAAAAA ATCATATTAC
 35851 TATGTATTTT AGTTCTACAA ATATTTTAT CTTACAGTGC ATTATTGTTG
 35901 TGTTAAGTAG CCGAAATGTA TTTTATGGT TTTTAAATG CTTTTGGTG
 35951 CTCATTATTT CTTCTGTCAT AGCTATACAT TCATCTGAAT AATTTCTGC
 36001 GTTTTTGCCT TAAAAGTTCG CTATAAAGTA TTGCTCTTAG TGTTAATTTG
 36051 TTGGCAATGT ATTTCTCAG GGTTTTTT TCTAAATATC TGTATTTTAC
 36101 CTTCAATTTAT TTTACCTTAT GAATACCAT ATTTTCATTG GATTCTAATG
 36151 TTTTTTCAA ATTTTAAAGA TGGTGGGTAC TATGCTTATT ACCTGGGTGA
 36201 GCTTTACACC AAATCCCCAA GACATGCAGT TTACCTGTAT AGCAAATGTG
 36251 CACATATACC CCTGAACCTC AAATAAAAGT TAAAAAATT AAAAATAAA
 36301 GATGGCATT CATTGTCTTC TGTTCCATT ATTTCTACT GAAAAATCAG
 36351 CTATCCCACT TACTGTTGCT CCCTTATAGG CAATGTTCTC CCCATCTCTA
 36401 CCACCCACC TTTGGCTGTT TTAAGATT TCTATTTGTC TTTGAATATT
 36451 CAACTATTTT ACTGAGTACT TAGGTATGGT TGTGTTTGT TTTATCTTGC
 36501 TTGGGGCTTG TGGAGATTCC CAAATTTCTG GCTTGATGTC TTTCATTAGT
 36551 TTTGAAAAG TATCAACAAG CGTCTCTTC AGTATTGATT CTGCCATTT
 36601 TCTCTGAATT TTCATCTCTA AAATTTAATT ACATGCTTGT TAGAACTCTT
 36651 CATGATGTTA CAGTGTCTCA TACTTTTTCT GTATTTTCTA TTCTTTATCT
 36701 TTTTCTCTT CAGATCTTCT GTGTGGTTAA TTTTACTGA TCTAGCTTCC
 36751 ATCTTACTAT TCCTTTCTTC AGTTGTGTTT AATCTGTTGT TAAATCCACC
 36801 TATTGAATTT TTCAGTTATT TCATTTTCAG TTATGAAATT TTTGTTTGAT
 36851 TATTTTTTGT TTATTTTTGT TTCAATAGGT TTTTGGAGAA CAGGTGGTGT
 36901 TTGGTTACAG GTTTTTAGTG GTGATTTTCG AGATTTTGGT GCATCCATCA
 36951 CCTGAGCATT TTACAGTGTA CCAATGTGT AGTCTTTTAT TCGATTCTAG
 37001 TTTTATAATG AAATTCAGCA TCTTTCTCTC TATTTCTCTA AACATATTAG
 37051 CCATAGTTAT TTTAAAGCTT GTGCCTAAGA ATTCTAAGAT CTGGATAACA
 37101 TGTGGCTCTG TTTCTGTGGT CTGTTTTCTT GGATTTTAGC CATTGATCC
 37151 CATTTTCATG TATGCCTGGT AATTTTAGAC TGGATGCTGG AGATTATATA
 37201 TGAAAAATTG TAAAGCCTGT GGATCACTTT ATAGATTTC ACAGAGGATT
 37251 TATTTTTCTT TGTTAGACAG ATAGAGTCTT GGAATATCAT CTTTATCTAC
 37301 TCAAGAATAG GAATAATTTG AGAATATATG GTCTTAGCAG TAAGTCTGCT
 37351 GCATTTGTCA GGGCGACTAT TTCTTGGA GCCTAATTTT TGTCTCTTTA
 37401 GTACCATGTA CTTTCAAAAT CTATACTTAG ATTTTATTAT TTGAGGCTTT
 37451 TTTTTTCTT GTTCAAGGCT ACTTTTAAAC TTGTTTCTCA GCCTTTGCC
 37501 CTTTATGTGT GTAGCTCAGG CATAATCATA TAACTCAAGG GGAAGCCGAA
 37551 AATGTTGAGC TCATTCCTTT CTGGTTCTCT TTTCCAGGGT TTCTGACCTT
 37601 CAATTTCTGG CTTCTTTGGT AGCCTTGCAC TCTGATGTTT ATTTCCCATC
 37651 TCAGAGAGAC TTCTCTAAGT TCTAGAATAT TATATTCTGT TTGGCTTCTA
 37701 TGCAAAACAG CAAATGTCGC AAAGGGGAAA TGTGGCAGTG AATATGGGGC
 37751 TCATCTCAAT GGACTTTTCT CTCATAACTT TCCTTTAAAT TCTGGCTGCT

37801 TTTGTTGCTG TTGGATGCCT TCAAAAACCTT TTTTSTAATT CCACTTTTAT
 37851 AATTGTTGAT AGCAGAAGGA TTAGTCTCAT ACAAGCTACT TTTTATGGC
 37901 ACAAAGAAGA AGTTTATCTC ATAAAATTTT CACAATGTCC CTAGGAATTA
 37951 ACTATCATGA CTATTTTAA AGTTGGAATG CTGTGTGCAT AGGCATTGGA
 38001 ATCAGACTTT GGGATTTAAA TCTTAGCTGG CCACCGACCA AAATATGAGA
 38051 CCTTGGACAA GTTTAACCTC TCCTCCCTTT CAGTCAGTCT CTGAGAAATG
 38101 AAGTGGAGA ACTGGGAGGC TAAGGCAGGA GAATCACTTG ACCTGGGAGG
 38151 CAGAGGTTGC AGTGAGTCGA GATCGTGCCA CTGCACTCCA GCCGGGGCCA
 38201 CAGTGTGAGA CTCTGTCTCA AGAATAAAAA AATTTTAAAA TAAGATAATC
 38251 CTATTTTAT TTAATTTATT TCAGAGTATA ATAAAAGGAA AACTTCCAAA
 38301 TTCATTACAT AAAGTTGGTT TCATTTTAAT TTCTTGTTTT TTGTTTTTTT
 38351 TTTGAGACGG AGTCTCGCTG TCTCCAGGC TGGAGTGCAG TGGCGCGATC
 38401 TCGGCTCACT GCAAGCTCCA CCTCCGGGT TCAGTCCATT CTCCAGCCTC
 38451 AGACTCCCGA GTAGCTGGGA CTACAGGCGC CCACCACCAC GCCCGGCTAA
 38501 TTTTGTAT TTTTAGTAGA GATGGGGTTT CACCGTGTTA GCCAGGATGG
 38551 TCTCAATCTC CTGACCTCAT GATCCGCCC CCTCAGCCTC CCAAAGTGCT
 38601 GGGATTACAG GTGAGAGCCA CCGCGCCCG GCAATTTCTA AATCTGATAA
 38651 GAAAAATATG AGATTGGTAG ACCAATCTCA TTTATGAATA TCAGTACAAA
 38701 AAATTATAGA CCAATAAATG TAAAACATAT TTAATAAAT AAACAGAATC
 38751 CAGCAGCATA TTTTAAAAG TATATTATGA CTAAGAAAAG CTGTTTTTAG
 38801 AAATACAGGG GTAGTGGAAT ATTATGAGAT CTAATATGTA AGTCATCCTA
 38851 TTAATAGAAG TAAGGAGAAA AATCATATGA TTATCTCCTT AAATGCCAGA
 38901 GAAAAAGTACT TGATAAAATC CAACACATTT ATTTTATTTT ATTTTATTAT
 38951 CAACAAATAT GTATTGAGCA TCTGTTCTGC TACAGCACTG ATGATGCAAG
 39001 AGTGAAAAAG ATACTGGCGC CATCCCAACC CACATTCCAC TAGAGGGAAA
 39051 CAGTCAATAA ACAAATGAGT AAAGGAACAA GCTGTTTTTC AACTAGCACA
 39101 TACATTTATT TTTAAAACCTC AGTAAAATGT ATATTGGTTT CATTAAATATA
 39151 ATAAACATAT CTCAGGCTAA AAGCCAGCCT GTCACCTAAT GGGGAAATGC
 39201 TAAAGGTTTT CTCTGAAAG CAAAAGCCAA GACAAGGGTG CCCAGTATGA
 39251 ACACAACGCC TAACATGGGT TGAGAATTGG TTAAGCTCT AAGGCAAGAG
 39301 AAAACACCTG GAAGTATAGG AATTGGAAAG AAGAGATAAG ATAATTGCTG
 39351 TTTGCAAAAT ACATAAATAC TCAAATGGAA ACCCCAAAAG AATCAATGGA
 39401 AAACCTATTA CAAACAGTAA AATTTAACCA AGAAGCTGGT TATAAAATAA
 39451 ATATAAAAAA TATTTTTTAA TTGCCATCAA ATATACAAAC AAAAATCAGC
 39501 TGGAAGAAAT AATAAGAGAA CATCCCATT ATGATAACAA AAGACATACA
 39551 AAAAAAGAAAT ATTCAAAATA CGCACAAGGA AAACATAAAA ATACTCTTGA
 39601 AAGAAGCAAA AGTAGACTCA AACAATTATT AAAATCCTGT GTTATTAGAT
 39651 AAGAACATGC AACATTATAT AGATGTCAGC TTTCCCTAAA TTAATTTATA
 39701 AATTTTATGT AACCACAACA AAAATTTTAT AGTTTTTTTC TGGAGCTGAT
 39751 TATGAATATC TCCTGTTCCA TGAATACTAG TTGTTTCAAG AAACAGAGGT
 39801 GCCAGGCCTT GGAGCAGGTT ACTGAGGAAC AGTTTGGGAG GAGCTGGGTT
 39851 TGTTTTGTGC AAAATACGCT CTGTGGCTTA TGTTTCTGC ATTTAACCTG
 39901 TCATCTCTAT GCCGCCTCCT CTGAACCTT ACCTGATGAG TACTCCTTCA
 39951 GGAACCAGAG TTTGGTTTGT GTGATGGGCT GTTGGCATGT GACATGGATC
 40001 TTCCACTGAT CTCCACCAGG GCTTTTTGCT CAGTAGAAAG GTAGCAGTCA
 40051 GGAATGTAA TTTGGGTAGG ACAACCTTCC CAGTGCCCTC TTAGTTTCAT
 40101 CTCTAATATT GCCTCCCTCT TCTGACAAGA GGATGCTAGA CAAGAATGCT
 40151 AAGGTGTGAA AGACAATGCT ATTACCTTAA AAAGCACTGT TGCTGAATTA
 40201 CCTTCTTGGC TGCGGTGTG AGGTGGTAGT CCCAGTTTG TGTCTCTCT
 40251 TCTCTTCTTT AGTTGCTAGT ATGGACTTTC AGCTTATTTT TAACCTTAGG
 40301 CTTTTTATCC AAAACATGTC GTTTATGATG AATTGGAGAT ACTTTATATT
 40351 AGTTATGAAA CTGCAATATG CATTTCTAGT CTTTCCCCC ATTAGTTCTC
 40401 ACCAGGACTT TTCATTCTTC TAGAGCTACC CTGAATTTTC ATACCACCCA
 40451 ACATTTTCTT ATGCTATTCT CTCTTCTGG TCCACCCTCC CTCCCCATT
 40501 TTTGTCTGAA AATCTGCCTG TTCTTCAGTG CTATTTTCAA AGGTTCTTTT
 40551 AAAAAACACTT TTCTTATGT TTCCAACCTG AATGTGAAAT GCTGGTATTT
 40601 ACAAGACAAA TCACCCTTTC ATTTCTCAGT AATTGTGTT GTTCTGTGG
 40651 CCCCTAATC AACTGTGAAT ATCAATGCAG GTACTCAGTT TTACCTGGGT
 40701 AACTTCTGAA AACTTTGCT TATTGCCCTG CGCATAGTAA GCATCAATAA
 40751 AGATAGGATT GAATTAAGAA AACCAGGG CTTAATTTAG TCCAGTGGCA
 40801 TGAAGTGGCT ATCCAAATG TTCATAGGAT CTCACCCTT GGAACCTATA
 40851 AATTGTGTTT AATCTATTAT CAGGTGATGT CAGTGACATA TCCAGTAGCA
 40901 GTGGTGGTCT TCACCATAGC ACCACAAAAC AGAACCTGCT GCTGGCCAGA

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40951 TAATTTTAGC CCATCTGCTT ATGTTTCTT CAGTCCCTAA AAGCACCTAC
 41001 AGTTCAGGCA GAGGGTGGGT CATCAACCTG GAAGAGGGTC TTCCCTAACA
 41051 CTTGGTACCA GCCCATCTC CAAATAAGGA AGGCCCTGAC AATGAGCTGT
 41101 GCTCATTAAA AACTTTGTGA TTAACAGGAT TTTTGTGCC TAAGCCCTCA
 41151 AAGCAACAAG TTGTTTACAT TTATAGATGT ACATGTTGAG AGTTTAGTAG
 41201 ACCAACATTG CTCAGTGTCA TGTCTTCGT AGATTGTTCA CCTTTTCATA
 41251 AATGTGTGAC TAACAAGAGA GGAGATATTT GCAAGTATCT GTACATATGA
 41301 ATTATCTTTC AGAAAAACACA AAGTCTTTCT TTTCTTGACAG GAGCCCAGAA
 41351 GCTTTGAAGT CACAAGAAGA GAAGGTAGGA AAAATGCACT CATACCCATT
 41401 TTATTTTCAG TGTGACATT TTTGAAGTAG TTTGCTGAAA CTAAGATGAA
 41451 CTTCAGACTG TGGGACGCTC ATTCTTTGAA ATTTCATGCG GCCTTTTCTG
 41501 GGTGCTGACT GCTTAGCACT TGTCTGTAGG GACTGCATGG ACTGAAGGCC
 41551 AGGTTTGCTT GTGAAACTA TGAATTCTAC CTTCAAGTAC CAGAGGTGGG
 41601 ATACTTGAAG AACTGGCTCA TTCGCAATCA TGTTTTGGT CTCTTAAGAG
 41651 AAGCCTCATT CTTGAGTGAA GTTTGGAATA ATTATTAGTT TTACCCAGCA
 41701 AAGCAACGCT AACAAACAAA AAAATGGCCT ATGGTTTGTG GTATTTCAAT
 41751 ATCTGGGAAG AGATGCCACT GTGAAAAATA TTTCTGAATA GATTTCTTAC
 41801 AGCTTCAGCT AAGCTGAAAT AGAAATAACT AATTAATTTT CCTTTTGAAA
 41851 ACAGTTCCAT GATGTTCTGT TTCCCTGCTC AGAGTTCCCTG TAGCACATTT
 41901 GTTTTATGGT CTCTGAGGTA AACATATATG GGTGTTACTT TCAGAAATCT
 41951 TTTAGTGGAA ATTGAAGTTT CCCTTATTCA TTTTCAGTAA TACCTAGTCT
 42001 CTAATAAGGG ATGCCTTTTG TATGATTTGT GGAATCATT AACAATCATCT
 42051 TTTTATTACA TGGATAGAAT GATGAGATCA GAAACGAAAA TGAGTTCCCTG
 42101 GTCTAATAAG TGGCTTTGGT TTTACCCTTC ACCACATCCT TCTCTGTGGT
 42151 ACTGTCTCCA AAGAGGGAGA CAATCTAAAA GAAATTAGCA AATTCTATAT
 42201 TGAATACTAA ATCTAACATT GCTTTGCCTC CTGATTAGTT CTTGTGTTAT
 42251 GCAACACAGC AAAAGACATA GAATGGCTAT GTTATCAACA TGCTTTGATA
 42301 CATGGATATT CATGCCTGGG ACCTTGGTAA CACAACTTT TCACACTATA
 42351 TTGAGTCCAG CTGGTAGTGT GCTGCTGTCC ATGGTGTGG ATCCCTAGGG
 42401 TCATAGGATC TGTATAATCT GACTCTAAGA TGAACCTTCT GGCTTACATT
 42451 CCCATTTGCC ATTATCTTCG GCTTCGGACT CGATGTCCCT TGAAGTATAG
 42501 GACAATATGT AAAGCAAAT GCATTGTTTG AATATCAAAA CCAATGGAT
 42551 GAAGGTTGAT GGAGCTGGGA AGGAGGTTTC TTATGGAAAG TAGTGTTTAC
 42601 AATGGGTACT GTGACCATGT AAGTTGGAAA GAAATAGCCA TAAGGAGAGG
 42651 AGAATTTGAC ATGAACCTTG GCTTTGAATA ATATTCTGTT TATGCCAGAA
 42701 TCCCAGCTGT GAATGTTTGG AATTGATTG CATTGTAAAA TCACATATAA
 42751 ACTTAACCTT TTTGGAATCT TACTGTCTCT GTGTTGAAAA TGTCTCTAAT
 42801 AAGGCTGGGG TTATAAAAGA GCCATGTATT TCTATTCAAA TGCATGAAAA
 42851 AGGTCTGAGT GAACTTATGA CTTCAAATC CCAGAAGAAT GAGAGTGTCC
 42901 AGAGGAGGAG TGAAGGTGTA GTCAGGCTGC ACTCCATTCA TCTGTAACTT
 42951 CTCCACCGCT GGAAGTGTC GCTTTCGCAA ATGGTTGACT TAGGAACATA
 43001 CACTGTGGGT TTGTACTAGC AAATTTGTTT TAACATCACA GAACTTTTTT
 43051 TCTTCCCTAT TGTCACTGAT GTCTTTCTTG CTTGTTTCTG TCAAAGTTGA
 43101 ATGTTTGAAG GTTCCCTGAAA TAGCCCAAGT CTGTAAACGC AATGCTTACA
 43151 ACCTGGCAGG AAGAAAAGGA GTGGGACCTT GCCGGCTGGT TCTAAGTATT
 43201 TTTAGGTCTG GGAATTCAT GACTCACTGA CTTGGGTTGT GGGGTTGTTA
 43251 ATCTTCTCCA GAACAGTGTA CAAGTATAAA AAGAATAGAA GCACTATGGT
 43301 GCTTCAGTAA ACTATTTTTC TGTCAAAGAA AAGTAAGATA TTGTCTAGCA
 43351 ATGAACACCT GGGTTGGTTC CCAGCTCTGA CTCGACCCCG GACTGAAAGA
 43401 GGAACAGATG AGTAATAGCT GATTTTCTG CACAGCTTAC AAGGCCCAGG
 43451 AGAGTCTAGA AAGTCTTCAG GTCTAGAGAG GAAGCTCCCA GTCACAGAAC
 43501 CTGAGGAGGT TTCCTGTTTT GATTTGCCTT ATTTCAATAC TGTACCTGAC
 43551 TCAGGAGCAT CCCCTCCATT GAAGGTTTAG GGCCACAAAT GGCTAACCAA
 43601 CTGCAACTTC ACATTATGTG ACTTTTGGAA ACTCTTGACT AAGTATGTGT
 43651 GTTGAGAAGT GAGAGGGGCT AATGTTAGCA GTGGAAATCG AGTCCAAGCC
 43701 AAATCATAGT GGGAACTAGC GACAGTAGGG GCAAAGTGAA TGCATTGTGT
 43751 GCCTTAAAGC TGTCTCTGCG CCTATTCCC CCTCTTCCC TCCAGCCGTA
 43801 GATGTCATGC AGTCTAGCTT TCTTGCTCTT GGCCTTAGAC TATTCCTGCA
 43851 TGCCTGTGCC CTCATCCTTG TCAAATCCAC CTCCCCTTCA TCCTTTCCAA
 43901 CTCTCTTTCT TGAAGTGTTT AGCTTACCCT ATCTAATTGG AGAGGGAAGG
 43951 GCTCCTATCA GGTTAATTTT CTGAGATCAG AGACCCTCCT GCCTTCTTCA
 44001 TCCCACATT CCTCACAGCT CTAGCCCAGG GCCAGTAGTT AATCAACAAT
 44051 TGTTCCTTAA AGTAAGTGCA AGCTACACAT TTGCTTTGTG GGTGTTGCCT

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44101 TTTCATTCTG GCCCTTCCCA GTAATATACA AGTGAGGCAC TGGGCCCTTT
44151 GGTTCCTGGAA AGGCACCTTT AAAGAAATGT TCTATGGCTA TCATTAGATT
44201 TTCCTGGCTG ATGCACTGAA GAAAATTCAA GTAAGCTTAG TATTATGGGT
44251 TGAATTTTGT TCCCCAAAAA GACATGTCAA AGTCCTAAAC CAGAACCTGT
44301 GAATGGAACC TTATTTGGAA ATAGGGTTTT GGCAGATATA AAGATGAAGT
44351 CATAATGGAT TAGGGTGGGC CCTAATCCAA TAGTGAGGTC CTTACAAGAA
44401 AAGGGAGAAT TGGACACAGA CACACAAGGA GAACATCGTG TGATGATGGA
44451 AGCAGAGAAT TGCTGGCAAA CACCATGAGC TGGCAAGTTG CAAGGGACCC
44501 TCCATCCCTA GAACCTTCAG AGAGAGCATA GCCCTGCCAG CCCCTTAATT
44551 TTGTACTCCC AGCCTCCAGA ACTGGGAGAA AATCCATTTC TCTGGTTTTA
44601 AGTCACCTAG TTTGTGGTTT ATTATGGTGG CCCTAGGACA GTAATACACT
44651 TGGAAAATGT TGGACTCAGT AAACCTTAGT TTTCATTGTT GTTGATGATG
44701 ATGATATTTT GACTGGAGAA TCTCTCATGA TTTTTCATAG ACAAATATGC
44751 ACTCTCAACA GGGAAATGTAA TATGCAGCAT TTTCCAAACT TGGTTTTCTG
44801 TGGGATTTAA CAAAATTAAT TGTGTTGTTT TTAACCATCT CAGGGCAGGC
44851 ATTCATGCA GTGCCTTTTG CAAACCCTGC CCTAGAGAGC CCAGGAAGAG
44901 GCAGAGCTTC CTCAGAGTGC CCAGGCACCA GACTGTGCTC CATGGGCTGT
44951 GCATGTACAG AACAGTGTGA CAGCAATAAT AAGAATATCT TCTTGGTTGT
45001 TCTGATGTTT TCAGAGAATG TTCACGTTCT TTACCTCCCT TTCCCTTGAG
45051 TAACCTGTGA CACAGAGCAG ATAGCACTGC ACACATGAGA CTCCTTCCTT
45101 TTCATGTAA TTTTGTAGT GGATGAGGAA TGCTTCTGGG CTGGTGCCCTC
45151 TCTGATGCCC TGAACCTCTC TTTAGTGGGT GGTGGTTGCT TAAGTGAATT
45201 GATCTTGCTT CATCATATCC AAGGGTGTTT GTACCTTATG TTGGCTGCCA
45251 AGCCCAGAGA GCTGAGAGGG ACTTGCTGGG GGTGCTTTGT TTCCAAGTTA
45301 GATTGTGGG ACTTGAAGGT AGACACAGTA GCAAAGATTG TGGCAGGACT
45351 ACGAGACTGA TAGGGTGTCC TCTGGGAAGG GTGCATGCCT CCCCAGGGA
45401 GACAGAGCCA TTCCTCCTTC AGGACAGTTC CGTATGACCC TGGATATTCA
45451 TGCTGGGAC CTCCTATAT GAGCTGCATG GGAAAGAGTG ATGGCTGCAT
45501 CTCTCTGTC TTTCCAGTGC AGGTATTTTT ATAACCTCCT CCAGACATCT
45551 AAAATTTAAT TTCACCTTT TCTGAAGCTT CAGCAAAAGG TGCCACCCTT
45601 ACCTTTCTAA GATACTCCCG TGTCCACTGT GAGGGCCAAT GCTGATTGCG
45651 ACTGCCAAAA TTCATCTACT CAAACCAGTA CTTTTCTCTG ACTGTTCCCA
45701 TCATGTTGAA TTACAGCCAT GAGCGAACAC TTGAGTAAGC TGAGCAAATG
45751 GCTGGGATAA TTCAGCCCTT GTCAGCCATC TCTGAGGAGC ATAGGGCGAT
45801 CTGTAAGCTA TTCCAGATGT CCGTGATTGT GCTGTGATTA GGGGCTGCGA
45851 GTTTGGGGAT GAGACCAAT GTCATGTTGC ATTGCCACC TCCCAGCGCT
45901 GGCTCCCGCA CATGTTCCAG CCCTGTCCAG CCTGGCCTGG CTTCTAGCAA
45951 GGCTGTGAGG GAACCCGGGA GAGGAGGGCT GCTGCTGTCT TCAGGGAAAA
46001 GGA AAAAAGG GGGTGACCAT CACATGCACA CTCAGCATGG CTCTGGCTCC
46051 TTTGCAGTGC AGATCTCCTA AGCAAACATG ACCTGCCAGT CCCGAGTGTG
46101 AAAC TAGAGC CTCAC TTTCT GAAAACCCGT GGAATCGGTC CCTAATTGGC
46151 AGCTGCCCTC AATAGCCCTT TTATAGTTCT CTGCATCTGG GTGAACCTCA
46201 GCTATCAAGA ACTGCATCT GTTTACCATT AATTTTGATT TTGTGTAGCA
46251 GATGTTTTCT GGATCTCTCA GTTCCCTGCC TAATCTATCT TGGTATAATG
46301 TGAAGTGGCT GACTGTCTTC AATGAAACAG AATTAATAAA CTCCTAGGTT
46351 ATTTTGGGGT AACTTCTTTA ATAGCTGCAG ATGTAGGGAA TTTAAAAGGG
46401 AGCCATCCAG ATTTGACAGT GCCTGGAGCC GTGGGTCTTT TTCAATTCAA
46451 GACTGCCATC TGGGGAAAGA GATGGCTTTT CCTTCCCCCA TGCCACCCTC
46501 TCTACATGC AGTGAGGCAC TGAGTGTTCT TCTACAGTCA CTGGGCTCAA
46551 AGAAGTGTAG AGTGACATCT ATCTCCTGTC TCCCAACCTC ACAGAAATTG
46601 GCTCTTTCTG GGTGCGTTG CCTTGTTTCA GCTGCTGGGA AACTATATTG
46651 TGCTTAGTTG CCTGAAGTTG AATGGGAAGT GCATGGTGCA CCTAGCCGAT
46701 GTGTCTTGCT TAAGTAGTGA TTTGGTGCCC AGTTTGTATC ATGACCAATT
46751 GGTAGGCAGC TTAATCAGAG TGTGACTTCA GGTAAATTAC TCAACCTTAC
46801 CTGAAAAAGG ATCGGGATAG TAATAGTACA AACCATCAGT CCCAATTCTG
46851 AGTTGTAGAA ACCCACTTG TGCTGGCTGA AGCCTGAAAG GCCTATGAAG
46901 CTGCAGAATC TAAGGGTGGG TCTGGCTTCA AGAACAGCTG ATAAAAAGGAT
46951 TCTCACACTC ATCCTGTCTT TCCTTCTCCT GGCACATTGG CCTCTTCCAG
47001 GTAGCCTTCC AGGATGGCCA CAAGCAGCTG CAGCTCAGAG TCCTGCCTGC
47051 TCACCGTCTC AGAGGGTGAA ACTTTTCCCC CAGAATGACA CCAGAAAAAT
47101 CCCCTCAGGG TTTGCAAAAT CATCCTCATC CAGACCACAG GCAATGGTTT
47151 GGTCTCTCAA GGAAGATTCT GTGCAGGGAT GTGTTCGGTG TCCACACAGC
47201 CTCGTGGACA TATTGGGAGG GGTGACTGTG TGTGCAGACG CCTTGGCACA

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47251 GGACAGGCAA TGTTGGCAGT GCTCAGTGCA TGGGTAATTT TTAGTAGAGC
 47301 TCTTACAGGC CTGGCCATAG ACATAGAGGC CTTTCTCAAG TAAGCCAGTT
 47351 CATTCTTCTG TCTCCAAGAT GTGTTTATGA GACTCTGGAT GTTGTGGCCT
 47401 ATTGACTTTT CCATGAAGAA TTATTATTAT TATTATTATT ATTATTATTA
 47451 TTATTATTAT TATTATTATT TTGAGTCCGA GTGTCACTCA GTCACCCAGG
 47501 CTGGAGTGCA GTGGTGGCAT CTCGGCTCAC TGCAAGCTCA GCCTCACGGG
 47551 TTCACGCCAT TCTCCTGCCT CAGCCTCCCG AGTAGCTGGG ACTACATGTG
 47601 CCCACCACCA TGCCCGGCTA AAGTTTTTGT ATTTTTTTAG TAGAGACAGG
 47651 GTTTCAGTGT GTTAGCCAGG ATGGTCTCTA TCTCCTGACC TCGTGATCTG
 47701 CCCGCCTCAG CCTCCCAAAG TGCTGGGATT ACAGGTGTGA GCCACCACTC
 47751 CGGCCGAAGA ATTATCTTAA ACTTAGCCTA TTCTGGTCCC TTTCCTCTGT
 47801 CAGAGTCTTT CTTTAACTTT ATGCTCTAAT TCTCTCTTTC TACAATCAGA
 47851 AGAACTAAGC CTTTAAAGATG GTGCCTTTAA GAATTTAAAG ACAACCGCCC
 47901 GGGCTCGGTG GCTCACGCCT GTAATCCCAG CACTTTGGGA GGCCGAGGTG
 47951 GCCAGATTGC AAGGTTAGGA GTTCAAGACC AACCTGGCCA GCATGGTGAA
 48001 AACCCCGTAC TCTAGTAAA ATACAAAAA TTAGCCAAGC ATGTTGGTGC
 48051 ATGCCTGTAG TCCCAGCTAC TCAGGAGGCA GGAGAATCAC TTGAACCCAG
 48101 GAGGCAGAGG TTGCAGTGAG CCGAGATCAC ACCACTGCAC TCCAAACCTG
 48151 GGAGATAGAG TGAGACTTAA AGACAAACAT AAACCTCTCT CCAAGATCA
 48201 GGGGCTTTCT GAGCACTGGT GTGAGAAATC ATCCTTAAGC ATTACAGATA
 48251 TAAACCATCC CATCCTCTGG CTGAGCTCAG CTCTCTCCAG GGATTGGAGG
 48301 CAGCAGGACC TTGTGGTGGA TAGCTCAGGG CTCACGATGG ATCTGCCAGT
 48351 GATGCTATCT TGACTGAGG GAACCTGAGG TATGTAAATC TCCCCAAGA GCCACAGCGC
 48401 CACTCACCTG GTACCTGTAG CCTTTGCCCT GGGACAGCTC TCATGCTGCT
 48451 GTGCAGGCAC AAGTTTTTGA AACGCAGGGG TCAGATGTCT GCCTCCCAGG
 48501 GTCCCCTGTC CCTGACACAG AGTGGGCACT GAAAAAGTGT TAGATGCCTG
 48551 GCATGTCCCA GGGCTGACTT GGCTTTATGT CATCTCTCCG TTTCTCACAA
 48601 AGGTCAGATC ACAGATACAG GGCCTTCCAG GTTGTGTTGAC TGTGAACCCC
 48651 ATAGCTCCAG GATACCTGGT CCTATTTGCT GAGCTTGCTC TTCCACCAG
 48701 TCCCTGGGAA TGCTCACTTT CCTTAACTAC CATCCTCAGA GAGCTCCTCT
 48751 GCCCTTTCTA ACAACTTGTG GGTCCCTCTG CTAGAAGGAG CTTAAACTGT
 48801 GTTCATGCAC ATGAGCTAAA CCTCTGTGGT TATGACGGGC AAGCTATAGG
 48851 TCGGTGTGGG CAGGATAATG AACCCCTAAT CACTCGTGCT TGCCTAGCGG
 48901 TCTCCTTAGA GGTGTCATTG CAATATTTGG GCATAGGTCA CTATCTGGAA
 48951 TTTGTGGGGA AGAGTACAT TGTCGAAGAG GTCATGACCC CTAAAGGGTA
 49001 TGAACCATG CACATCCCTA AGGACCAAAA GACAGGATGG TGTGAGCCAG
 49051 CCTGAAGCAC GCTGATCCTG CCCCTCCAGG ACAAGTGGAG AGAGATGATG
 49101 GTGCTCCCTG TATACCTGCT GAGGTCCCCA CCCTACCCAG GAGACTCACC
 49151 CTCATCTCTC AGATCCCAGC AGAAGTTAAG CTTGACATTT GTCATCTTCG
 49201 TTAGCTTGACC AGTCCCCAAG CCAGAGGCAT TTCTTTGCTT TTCAGGAACC
 49251 CTTGAAATTA TCTTCTTCAT ATAAACACTG AAGCCCTTTT CAAACCTCAT
 49301 TAAGCTATTT GCCCCAGCAT ATTAATGTGC TATCCACCAG CCTCTGGGGT
 49351 TAATTATCTG TGAGTTAAAA TCATTTGTTT CTGTCTCTTT TATCTCATTG
 49401 CTGCTTGGCA ATCTTTCTTT ATTAGGAAAC GAAGTACAGG ATGCAACTGA
 49451 CCATTATGTT CTAATTCTAT TCTTTTCATC AAAATGAGTT CATCTTTTAA
 49501 AGCTCTTTTG TAAAAAACAA CAAACCTGTC TTTTCATTAT TTTAAGATTG
 49551 TGTTGTTTTT TTAACAAATC TTTAATCTCT CTGCTTCAGC CGGAGCAGAG
 49601 CCAGGACTGG AAATAATCTG TAAGGGGAGA CCTCTCCTCT AAATCAGCAA
 49651 GACCTGCCA CACTCTCTCT CCTGATTGGC CTCACCTACT CTGCATTGCG
 49701 CCCATTTCTC TCCTGTGGCT GTGGTGAGGG CTTCCAAGGT GTACAAGTTG
 49751 GGCTTGGTGA ATAAGCCACA GTGTCTTGGC AGATCAGGCA ACCAGGGTTG
 49801 GAAAACTCTG TGCATTCTAA CACACCCAC TGGTCTCTAC ATGCTCTTAT
 49851 TTGGGTATATA TTTCTTGGCC AAGGTTGCCA TTGGGTCCA AGAAATGCGT
 49901 CAGGGCCTGC ATTAAAAAGA AAAAAAATA CAAAAACCTT TTCACAAAAT
 49951 GTTGAATGTT GCTTTGAACT CTCAGGAAG TCAGGGAGCG TGTGTCCCAG
 50001 AAATGAGCAG GTAGGATGGG CACTGGCTCC ATGGAGACAG TGACCCACAG
 50051 CCTTCCGGGA TAAGAGTGCA GCCAATAGTG GGGAGACCTG GGCCGGGGTC
 50101 TGAGCGCAGT CAGTGCAGTT GGATGGTGCA CAGAGCTGGT TCTCCCATGT
 50151 ACTGCAAGCC AGTGATTGCC CCTACCCTGT TCTTCGGGGC TCCAGCTTCT
 50201 CAGCTCCATT CTCTGCCCCCT CAATGGCTCT CTCACCTCAT CAGTGCCTCA
 50251 AAAACAATAT CTGGGACTCT AGTTTGATAA CTACTACTTG CATTGGAGAA
 50301 ATGACTCCTC TGGAAAGGTG AATACGATTC TCAGAGTTTG TTGAGGTTTT
 50351 ATTGGTTGCT TATAGAAGTT TCCTTGGGCT GATTGGAGTT TGGTGTGCAG

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50401 AGATGACCCG GCATAGTCCC TGCCCTTATA GATGAGTCAG TTGAGAAGAT
 50451 GCCCAAGCGT CCTGCAGACA GATGTCTACC TGGTGTACCT GCACCATGGC
 50501 CAGCCACCTC TCAGTTGGGT CCGCAACATA GAGAGAGCAT TTGTTCAAGT
 50551 TAATTGATGT TGGAATCTGG GAGAACAACCT CTCTGAATGT TCTGGTGGAG
 50601 GTGAAGTTTC AGGATCTTTT TTCCAAAGCA TGGCTGTCTC AGCAGAGGGT
 50651 CCCCTTTGAC TTTTAAGGGC ACACGTGTACC AGTGGTGACG TTTTGTGTGC
 50701 AAATAACAAA CCCCACCCCA ACTAGCTCAA ACAAAGAGAG GACTTATGGC
 50751 TTATGTAATT GGATAGTCCA GTGAGGGTGG AAGGTGAGGA GTGCTGGGCT
 50801 TCAGATATAC TTGATATGGA GTGTAAGGAC CTGGCTTCTC CCTCCATTTT
 50851 GCCCCTCTCT GGGGGTCCCC CTTTCATGGT AGTGCCAGCC TCCCCTCCTC
 50901 ACAGCTCCAG GTCCAGTGGA AGACAGATGG CCTCTAGTCC AGTGTATCCC
 50951 ACAAAGTGC TAAAGCTCAC TGGGATTGGA CAGACTCAGG TCATGTGATT
 51001 CATGCACTTA ATTAATGCTG TGTGCTGTTG GGTTTCCTGA AGTCACCAGC
 51051 CATACCCTG GTCAGGATAT CATGAAGTGA GAGTGGGAGG AAGGTGGATC
 51101 CCCAAATGGC AATTGGGTCT GAATAAGGGA CACAGAAGCA GGAAGGTAAA
 51151 AGGAAATTCT CTAAGCATAT TAACGTCTAC TTAATGATT CACATCTGGG
 51201 TGTCTCTCAC TCTCCACCCC TAAAAGGATT CTGAGTGCCT GAAAAGCAGG
 51251 CTAAGAATCA GCAAACATTC ACCTAGCGTT TCAGGGGGGA GGTGCTCTCT
 51301 TCTGCTTCA GAAGGAATCC AAGGCTAAGA GATTAAGCAG TTGACCCAAG
 51351 GTCACAGAAG CTTCTAACAG AGTGTGAGTT TGAACCAAG TCCCTGATGA
 51401 CAAATAAAGG GCACTTTTTT GTTGTTCATC ATCACAGCTG CCTCCAGCGA
 51451 TTGGGTTCTT TCACCTTGTT CTTTGGCCCT GTCCCTCAGG GTAGCTGCAG
 51501 GAGGTACTCT GGGAGGTGCA TCAAGCATT ACCAGCCGAA ACTTGAGAGG
 51551 GGTTTTACCC CAAACATGAC ATCCTTTCTT TAGCACTTTA GCCAAAGCAC
 51601 ATAAGGATGA AAAGCAAATG AACATCAAAT GATGAAATCA CCAAATAG
 51651 AGAGAAAAGT GAATGAGCAA GCCCTCACC TGGCAGTGGC TTCAGTCTCT
 51701 TCCTTGATGA TGTTGTGAG AAGCTTTTAT TTTCCACTTT TCCTAAGAGA
 51751 TCACCTTCTT TCTTGGGAAG GGGTGGTGG AGGCTCGCTG GGCTGGCTGC
 51801 TTCTAAATGG ACCATGGGTG GCAGACAGGA ACACAGGATG GGGGATGGAC
 51851 CTCACCTATA ACCAGGGCTG CTGTTACAGGA GCCCTGAACCT TTTGCAACCT
 51901 CTGCCTCTG GGTTCAGTG ATTCTCTTTC CTCAGCTTCC AGAGTAACTG
 51951 AGATTACAGG CATGCACCAC CACGCCCAGA TAATTTTTGT ATTTTTTGGT
 52001 AGAGACGGGG TTTCACCAAG TTGGCCAGGC TGGTCTCGAA CTCCTGACCT
 52051 CTGGTGATCC ACCTGCCTCA GCCTCCCAA GTGTTGGGAT TACAGGTATG
 52101 AGCCACCGCA CCCCAGCAGG AGCCACTTTT TAGTAAGTAA TTTCTATGT
 52151 GTCCACACAT TCAAGACAAT TTAGAGGCAA AAGTTTTAGT CCTTTACTAT
 52201 AAATTCTGTA GATTGGAAAT GGAAACATT TCACATTCAT CTTCTTATT
 52251 AATCTTCATA AACAACCTCT GAGATAGGCA TTGCAATCTT ATTTTGTAAA
 52301 TTTAAAAAAT GAGGACCTTT TGTACTCTGT AGGAAATTGA TCAAAGAATT
 52351 AAAATGGGCT TCACTGAGGT CATTGAGGAA GATACATTCT GTGGGAATCT
 52401 GATAATGTTT GTGTAATTCT GATTGAAATA TTCGTATTCA AAAATGTGGA
 52451 TTCATTGTTT TCAGTCTAGC ATGCCTGCAG AGTCAGAGGT CCTGGGACCT
 52501 CCCCCAACCT CCCATCTCGG GGAGCTGTGT CTTGCTGCTG CTACCAAGG
 52551 GGAGTAGAGA ACCCAACTT CAGAAGAAAT AGGCCTGTAA AAAACCCACG
 52601 GGTCTGGGCA ATGCGTTGTG GGGGGTAAAA ATATATTTCA GTCTATTTCG
 52651 TTTACTAATT TTAGCAGTTA TTTGCTCTCC CTTTTTGCTG GAAGCAACAT
 52701 TCCCATCCAG CTGCTTGGCT GCTTCATTTG AATTTTATC ATTTGTGTGA
 52751 GCCCCTGCAT GTTTGGACAC AAAATGGGAG TCCTGTGGCT CAGAGGGGAC
 52801 CTTGATTGTA TAGGGTCAGA TCTAATCTCC TGCTCAGAAA CTTACAGCGA
 52851 AAATAAAATG AGTTGAGGTT TCTGTTTTGT GTGTGTGTGT TTATTTTTTA
 52901 AAAACAGTAG GCCTGTAAAG CTGTGCTGGC ATATTACTTT TTTCCCTTT
 52951 ATACAGAATT TAAAATAATA CCTTACATTC AAATAGTGTA ACCGGTGTGC
 53001 CTTTTGCTCT CAAAGAGCTT TCCCATTGT CCTCTCATTT AATATGCTCA
 53051 AGAAAGCCTG TGAGTTGGGA AGAGTGAAGA TATGGTCATT GGTATTTGAC
 53101 AGAGGAGGAG ACTGATACTC AGAGATGGCA AGGGAAGTGC CCCGGGTCAC
 53151 ACAGCTAATT GAGGCAGAGT TGGAGATTAT AGCGTCCAGT TCTGTATTAC
 53201 TCCCACCAAG GCTTCCTCTG AAAATAAGAG TTTATGGCAG AAGTTTTCAA
 53251 ATTAAGACCC AATGGGAAAA CACAGAATTT TCAGTCTCTG TTTGGTCTT
 53301 TTTAAAAATA ATTATTGTAA AGATGACTTC TCTCATCTGT CAATGTAATG
 53351 ATCCCATACC TGGGGTATTC AAAATATTCA AAATGTGTAT GGAGGAAATG
 53401 GTAAAAGTTA ATCATTTTCA CAGTACCTGT CTGTGGTGAG GTTTAATTAT
 53451 CACTTGACAT ATTTATGTTT TAAAATGAT GACAGTTTAA AATAGAGCCA
 53501 GAGAGAGCCA GAAAAATCCA TTCATTATCA TGTGTCAGGT GCTACATTGG

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53551 AATAACCCCC AAATACAGAT GGTCCCTAGA CAGATGATTC TGCAGCATTT
53601 TCTGATAGCT ACAGATGTCC CTGCTACTGA AACCAGACT GAGAATACCA
53651 TTCTGACCCT GCCGTCAATA TGCAGAGGGT GCTTGGGTGA ATCTAGCAGC
53701 GCGGTTTGAT TCTCGTACCG CATCGCAGAT GCTAACTCC CCCATGCTCT
53751 CTCCAATCCA AACCTCTCAC TGGTCTTCTG CAGAATTTCT AATGAACAAG
53801 ATAATTCAAT GTGAGTGTGC TTTGAATGAA TGAATGAATG CTATTTAAAC
53851 TACAAGGTGA CAGATATTTT CATGTGCCTC TTAGGAAATT GCATGCCTTT
53901 CCAAGAAGAC AAGGTTGAAA AGCAGCTTGT TGTGTGTGAA TAAGCTCAGC
53951 ACTGTCTGTC TGTTTAGGAA AAAATAAATA ATTGTTTCTT GCCCATGAGA
54001 ATTCTGGAAG TGGAGCTGTC CAGAGCTGAC CCGTCTGTCC ACATTTCAAA
54051 TTTCACTTTG GAGAGTCTCG GGAGAGGGAG CAGATGAAGC CATTTCAGAA
54101 ATGTAAATGC TGTTTGACAT CTATTAGCTC AATGCTCATC CATTGCTGAC
54151 AGCAGGATCC ATTAGGACGC GAGTGTCTATG GATCAGAGAC ATTTGAAATA
54201 TAGCGAGAAA CATGCTACCC GCAGCAGAGG CCCATGTAGA TGAATTGAGA
54251 GAGCACTAGA TGTGCCACC ACTGTGGTCC AGGCACCTCC CCCCCATCTC
54301 CCCAGGCTCT CTGCTGGAT TTCCCAAAGG TCAGCTGCGT AGCCAGTCTT
54351 CACGACTGCA CTCTGTCCAC CAAGCAGCCT GCCTGAATGC TGGGCATGGC
54401 GGTGACCATT CCCTCCTTGC AAGGTCGGGC TTGCTTCTAG TCTCTACCAT
54451 TCATGGAATC ATCCAAATGA TCCAACCTCA GATCAAAGGC CCCACAGGGT
54501 CACCCTTAT TTGTATAGAT GAGGTAGGCT TGAACAGGTA CAGTGACGTG
54551 CCTGAGGTCC CAGGGGGCTA GTGAGTAGCA GAGGAGGGAT TTGGGGCTCT
54601 AAGCCAGTGC TCTTAGTTCT CAGGGCTCTC TGGGTTGTTT TTCTTGCTTC
54651 CTTTCCTTGC CTCCACCCC TGAGTCCAGG TTCTCCCTTC TCTGTAGGGT
54701 GGCACAGTGT CCAACATATC CCAGAGACTT AGCCGCCATA TCCTAGTGAT
54751 GGGGGTCTCG GCTAACTGAG TTTTCTAGTT AAGTTCTATG TTTTGAATTC
54801 GTTTAAGTTA TTTCTAAGTG TTTTGTTCCT CTGCCTTAGG GGATCGGAGA
54851 TTATATGGGA GGGGGCACAT GATGACAAC TGTGTTATTA AAGCCTCCAC
54901 CATATGCCAT ATGCTATGCT AAGTTCACCT ATTTTAACAC TCCCCAATAG
54951 TCCAATGTAG CCAGATAGTG TGATATTCTG TTTTAGAAAT GAGAAGACAC
55001 AGCTTTGAAA GGATTTGTGA TTTGGTTTGC TGGGCGTTTC AGTAAGTTGG
55051 TGAATTATTT ATTGACCTCA CTGTACCTAA ATATTCAATC CTTTGTGGTG
55101 GGATGTCCCT GTGTCTTGCT ACTGTAGCTT TGCTAGGACC CTTGTCCTGA
55151 GGAATCTCAG CTCTAAGGCA AGTCTGCAAG GTCACCTCTA AATGGACAGT
55201 CCTTGAAGAAG CTTAGGAAGA GCAGGCGCAT CCATAGCTGT GCTTGATGGG
55251 AGGGGAACAT GTGGAGGACA GAGGGAAATG GAAAAGAAAC GTCCGAGACA
55301 AGACATGTAG AAGATGCTGC CATGCCTCGG AAAAGAGGGG AAGATGCTGG
55351 TCCAGGCTAT TAGTCTTGA CAAGCCTAGG CTTCTCTCCCT CTTGATACAG
55401 ACTGTGGGTT CCGGGTACCG CCGGACTCAC CCTCTCTCCC GCGCCCCCTG
55451 GAGGTGAGAG GGAGAGTTAC GTTTTCCAGG CCCAGAGACC TGATGGCAAG
55501 AGACTAAGTA GCCGCTGCAG TTGGAGCACA GGAACCGCA GGACCAGGAG
55551 ACTTTACCCA GAGGTCGCTT GCCCTGAACC CTACAGTTGA GAATTCTGTG
55601 GCTCTTCTAC CATGTGCAAG TGTCCAGAAA AGACTTGCAC ACATATATCT
55651 CTCCTATCTG CTGCTAATTC TTAGAACCACC CACTGTTAGG GCTTCATCCC
55701 CTGTTTCTTT ATGAATACCC CCAAAGTCAC GTTGGGTCTT GAAAGAACAG
55751 CTGAACTTTC GTTGAGCCAC ATCATCTCCT ACCTGGAAC TCACCAAGCC
55801 TGTCTGCCCT TTCATAAGAA AAGTAAGACA GGTTCCTCCT AAGACCCTTG
55851 AGCCCGATTT CTGTTCCATA TTTGTTTCAT ATGACAGGTC TCAAACCTGGT
55901 GGCTCGTGGG CCAGATTGAG CCTGCAGCCA TATTTTGATT TATACCATAC
55951 TTGGCCTGCA GAGGTTTTTT GTAAACATAA AAATATTCA ATATGAATGA
56001 GTTGCCATCG TTTGAAAATA AGGGCATTTT ACCAACAGAT TCAAATATCC
56051 AAATATACAG ATGATCTTGG AAAGCAAAAT GCTTTGATAA CCCTGGGCCC
56101 ACATGACCTC ATGGCAGCAA CAGGCTTGGG TGAGAGCAGC CGTGTCTCTG
56151 AAGGGAATAC ATGCTCTCCT GCTTTTCCAC AGTCTCACC ACTCCCTAGT
56201 GCATTCTCTA TAGCGAGACT AAGTGTGTTA GATACAGTTC TGTAAGATAA
56251 ATATGACCAA GTAGAAATTC CAGAAGACCC ATGCTCCTTA AATTACTTGT
56301 GTGGCCTCCA TAGACATTTG AGTTTCAAT CCCTGTTTGG TACTAAGGTA
56351 TAGAACTTGT TAATTATGGA CCAGTAGAGT CAGATGTCTG TAAGGAGATG
56401 GGGGAGAGAG GAAAGTGGAG GGCAGGAGG AAGGTGGGGA AAATTAGAGT
56451 AAAGGCTGAA GCAACCCCTT ACCTCCTCAG CCCTCCTTGA ATGTCTCTAA
56501 TGATGCTGGT GTCTAGAAGT GGGTCCTTGC TTTAGGCAGT TAAATCTTCC
56551 ATCATTCTAT CTTATTTTTT GATATTTGTG CCTTAATCTA TAAATATTCA
56601 CTCTAGGCAG TACATTTACA AGCAAGGTTT AAGCTTGGTA ATTAATATTT
56651 GTGCCTCTCT ATGTAAGTTA TGTCTTTAAA ATGAGGCAAT TGCTTTAAGC

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56701 ATTTAAGACA TTCCACGTAT ATTGCAGAGT AATTACTTTC CAAAGATATT
56751 TCCAACGTAT ATTTTGTTAC ATCTAAATAT ACATTTACAG TACTCAGTAG
56801 ACCAGAATAG CTCTAATTA TATATTTGGT CCACTGGGTT AGAAAAAGAG
56851 ACATTTTAAA AGTATGTTT TAATCAGTGT GTTTATCCCA AAGATACTGT
56901 TGGCTCCTCC AGAATCACAC GATTTTATAA AAAATAATAA ATGTGGTGTG
56951 TTCTCTGAGC TGATTTAGAC TTTAATGAGA GATGACATCT CAGCGGAGCA
57001 TGAGCATGGC TAACTTTAA TCCGGGCTCC GAAGTGTCT AGAGCTTGGA
57051 GGAAC TTATT AACTCCCTTG GTGTCATTTT CTTAATGTAC AAAATTCAGA
57101 TGATAAACAG TTACTGCCCT TGTGCAGTGA GAATTAATGC TTTCTGAGTC
57151 GCAGTATTGT TTTGATAAAA TAGTCTTAAT TGTTTGCTTT GTACATTTTC
57201 TGCTTTATTA TTTTATTAT TTCTCTTGCC TCTGTAATTG GTCGTTATTG
57251 GGTTCCCAT ATTCTTTAT TAGTCATTTT ATAAAAGCTA TCTTGTGATT
57301 TATCTCCCT CCCACACTTG CTGTCCCCC AAGTATCGTA AACAGAGGCA
57351 AGACCCAGGC AAACAAAGCT GGTGGTATTG TTGGTTGCTT TGAGTGGCTC
57401 GCCCGTTGTC TTTAGGATGG TTCATTCCCA ATTGCTTGAC TGCTATGAAA
57451 GAACCTATAT GAATCCCAGG AGGTTTATTA GAAACATGTT CTAAGTAATA
57501 GTAAGAAAGT TGGATTAAAC GGGCTGTCAT GGAACTCTA ACCTCCCTCC
57551 CTAAAGGAGG AGAGGAGCAA GATGAGTCTT TCCAGCTTGG GGCAGGCATC
57601 GTAAGTGAT AATGACCACA TAATATGGCA CACTATATAA AAGGACAAGA
57651 AAATCATCGC TCATACAGTG AAAAGAAGCC AAACCTCCATT CTACCTAAAA
57701 GTTGGCTTTC TATAACATTT CCAGCCACCA TTACATTGGG ACTTTATCCT
57751 ACTCTTATTA CTCATATGAT CTCATTGAGT TGAGAGTTGT CTCCTTCTGT
57801 GTTCTCTAAC TATTCAGTGT AGTTTTTCAA AATTATACAG CCAGACATTC
57851 TGAGTATGAT CCAATGTACT GGTATATTA CTTTGAACAA GTTATTTAAA
57901 CTTCTGTGCT TTGGTTTTCT CACATCTAAA ATAGTGGTGA TAGTTCTATC
57951 TACCTCCTAT GGCAGTTGTA TGGATTAAAT GCATATTAAA AAGCTTAGCA
58001 TAGCACTGGC CCACCTTCTG AGTAGGCTCT ATATTAGCCA TCATTGTTAG
58051 CTATTATTCA CCCACAGTTG GGGCTGGGGT TGCCTGGGGT TGTGACTTCT
58101 AATTCTAAGT GGCCTGTAG TATGGGGGAC TAGGATGTCT TTGGTGAATA
58151 CTTACTGAAA TACTCTGATT TATGAGGCTT TAGAAGCCT TGGATTAAAC TGGACCAATT
58201 TATTTTCTTT CCTCAAAACT GAGTAATCAC ATTTATCCAC CATTTTCAGAA
58251 AGAGTAGATA CTAATAACAT GAAAATTTTA GAACTATTTA TGCAGCTTAT
58301 TGTTTCTGGC TATATGGGAG GCTAGATAAC TTAGCTGACT CTCCCACTTA
58351 AAACAATTTT AAATAATGGA TAAAACATTT AAGCAATCCT TTAAATACCT
58401 CAGTGAGAAA GCAGGAAC TAAGATTCATA AGAGGCCAAA AACTCAGAGA
58451 AAGTTGGGTT CTAAAGCAGA CTTTTGCTTT GAGAGTATTT GCCCAATGCA
58501 GGTGACCTTG AACTCTGATT GTTACGACCT CAAGAGATAT GGGGACAGGA
58551 GTCAAGCCTA GGGCAGATCA GTCTGTTAGA AAACCTCCTC TACATAAAAG
58601 CTGAGACCCC AACAGACCCC AGTAGGCTAC CTCTCTAGTG TAAGGATGAA
58651 ATAAAAATAA ACATGCCCTG TCTTCTCTCA AGGATGTGTG AAGAAAATTG
58701 CCTGCCTTAA ACCTTGATGC TGAGTGGGAG CCAAAATGTT TCCTCTGAGA
58751 ACAGGAACCA CAAGCTAAGC TTTCAGTAGA ATTCATATAA CAGACTAGTC
58801 TGAGAAAAGC TCAGCCAGA ATTTTGCTTG AAACAGTCTT GGTGATAGT
58851 GTTCCTAGGT ACATGGTAGA GCAAACACAA ATCCTATGTA AAAGAAGTCT
58901 TCTTCAGTAT TGGCCTCAAA TAATTTTGAC AGTTTTCAT CCAAGGAATA
58951 TGAGCTCCA GTTAAAATT GTAAAAATGA AAGGATGCAA AACACCAAAA
59001 GAAGAGCCAG CAGAAAGGAA CTATGAAGAC CAGATAATAG AATTAACATT
59051 TAAAAAACTG TGCATGCTGT GTTATAAGCA ATAAAAAGG AGCTGAAAAAT
59101 ATAAACAAAG AATAAACCTA TAGAACTAT CTTGATTATT TGAAAAATAA
59151 CCAAAATAGAA TTTCTAGAAA TTAAAAAAG TAATTGAAAT TTAAAAATC
59201 AAAGGATAGA CTTCAAGACA AACAGGGCAT AACTGAAGAG AACTGGAAGA
59251 TACATCTGAA AATGTAACCA GAATGCAAGG AGGAGACAAA GCTATCAAGG
59301 TTAGAGGCA AGGAGACTAG GATAAGGAGG ACTCAGTCAT TTGTAATTGG
59351 GGTAAAGAG AGAAAACAGG AAGAGTAATA TTGGAAGGGA TAATGGTTGA
59401 AAAAGTTTG CAAAACATAA GGAAGACAGC TATCCTCAGA TACAGGAAGC
59451 CCAGTAAATC CCAATAGGA TAAACAAAAA GAAACGTAAG GCTATCTACA
59501 ACAAAAACTT GCAGAACTACT AAGGACAAAA TGATAACCCT CAAAGTAGCT
59551 AGAGAGAAAA AACAGATTAC TTATGAGAGA CTTATAGTTT ATTTCCAGT
59601 AGAAATCAGA AAGCATTGGA ATATCTTTAA TATGCTAAGA GAAACATTG
59651 GTCAATCTAG AATTTTAGAC CTATTAACCA GTTCCACAA CACTCTTACT
59701 CTTATTTTCT GTTTTTTCCC TTCTTTTTTC CCCCTTCAAG CTTCAATCTA
59751 CCTTGAGTT CATTAACCTT TTCTTCAGAG TTTTTTTATG TTAATTCTAG
59801 CCAGTGAATT CTTAAATTC AATATAATAC TTTACAGTTC TAGATCCTTT

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59851 TGATTCTGTC TTATGGGTTT CAGTTCTCCG TTGAGCTACT CTTTCTTTTC
 59901 TTTGCCACAC AGATGATAGT AATTTTGAAG TCCTCTGTCT GCTAATGCCA
 59951 GTAGTGTTAG TATCTTAGG TCTACCTCAA CTGATGATT TATCTCATGA
 60001 TTACAGGTTA CCATTTTTTG CTGTTTATGT TTAGACTTTG TTAGGAGATT
 60051 TTTTTTGGT TTCTCCCTCA GTTGTAAATG ATAGGCCTTA TTCCTAGGAT
 60101 ATGATTCTTA CCCATAGGAC AAAGCCTTTT TGTGTAGTCT GAATATCAAC
 60151 TAGTATGCTG CAATTCATT CTGCCACTAA CCCCCTGGAG TTAGCAGACA
 60201 CCCTAAGTTA AGGACTCAGT CCTCTATAAG ACTGCTCTCA CTTCAAACGC
 60251 TAACCATAGG TTCAGGGTTC CCCCAGTCA CCTGCATTTT TGACCTACTG
 60301 ACTATAAATT CTTGACTATA AACACTGACC ATAAATCCTT TCCATGACAC
 60351 CCTTAGGTTT GATAATTCAT AGAGTGACTC ACAGAACTCA GAAAAGTTCT
 60401 ATATTTTTGA CTACCATTTT ATTGTAAATG ACACAGATGA AGCCAAATGA
 60451 AGAAATACAT AGAGCAAGGT CTGGGAGGGT CCTAAATGCA GAGCTTCCAT
 60501 GCCCACCTCC CATGAAATCA GGCTACATTG TTCTCCTGGC ACATCAGTGT
 60551 GTTCACCAAC CAGGAACTC TTCTGAGCTT AGGTGTCCAG GGCTTTTATT
 60601 GGGATTTTAT TTTGTAGGTA TTATCACTTT AATGATTGGC CGGGTAACTT
 60651 TAATGATTGG CCATGTAATC CAGCTTCCCC TCTGTCTTA GTTAATTTTC
 60701 TGGTGTCTATA AGGGAATACC TGAGACTGGT TAATTTATTT ATTTTTTTAA
 60751 AAAAAGAGGT TTATTTTGGG TCATGATTCC AGAGGCTCAG GTTGCCAAAT
 60801 CTGATCATCT TCTGTGTAGG GTCTCATGCT TCATCATAAC ATGGGGGTGA
 60851 GCTGAGTGCT TGCCAAAAGG GCAAATGCAA GGACAGCCTC ACTTTATAGC
 60901 AACTCGCTTT TGTGGTAATT AATCCAGTCC CATGAAGGGG AGGACTCCCA
 60951 CATTCTAAG AATTAACCCA GTCTGTAAAG AGCAGTGTTA ATCCCTCTTA
 61001 ACAACCCAAT CACCTCTTAA AGCCCCATC TCCCAACACC ACCACACTGG
 61051 GGACCAAATT TCTAACACAT GAATTTCTGGG GGACACACTG AAACCATAGC
 61101 ATTTACACACC TGCCCCCAG AATTTCTATG TCTTCTCACA ATGCAAAATA
 61151 CAATTATTCC ATTCTAATAG TCCCAAAGGT CTTAACTTGT TCCAGCACAA
 61201 ACTCAAAAAA CCAAAGTTTT ACCTATGAGC AGCTTGTGGA ATCAAAATGA
 61251 GTTATCTACT TCCAAGATAC AATGAATGGA CAGGTATAAG ATAGACATTT
 61301 CCCTTCTAAG AGAGAGAGAG AGAGACAGAC AGACAGGCAA GAAGAAAGGA
 61351 GTATCAGGCC CCAAGTAAGT CCAAAGCCCT ACAGGGAACA ACATTAAGTT
 61401 TTGAGGCTGC AGAATAATCT TCTTTGACTC CATGTCTCAC ACTTCAGCTC
 61451 TCCCAGAATG GTGTTGCATG CTGTAGCTCC ATGGTTCTGA AGTCTTTATG
 61501 GTGATTCCAT TCCCATGGCT CTACTAGGCA TTAATTAATG GGGGCTCTCT
 61551 GCAGTGGCTC AATCCTTCTG ACAAGTCTCT TCCTGGGCCC CCAGGGTGT
 61601 CACAATATCC TTTGAAATCT GGGGGGAGGA AGCCATGCC CCATATCTCT
 61651 TGTATTCTTC ATGCCTGCAA AATTGATGCC ACTTGAATGT CACAAAGGTC
 61701 AACTTGTAAT TTCTAGAGCA GTGGCACTAG CTATACCTGA AGCTGTGGCT
 61751 GGGTTGGCAG AGGAGTGCTA CGCTGGAATG TGGGGAACAG AGACCTCAGG
 61801 AGGCCCTGGG AAGCAAGCCT GTGGAGGGTG CCCTGGGCTC ATTTCTTGAA
 61851 ACCATTCTGC TCTCCTATGC CTGTGGGTGT ATGATGCAAG GAGCAGCCTT
 61901 GAAGTTCTCT GAAATACCTT CAAGATCTGT CTTCTATTGT CTTGCTTATC
 61951 CCTTCTGTCT AATAATCT CTTAACAAA AGATTGCTGG ACCACATCTT
 62001 TGGTTTCTCT TCCTGAACAC ACTTTTTTCT TCTTTTTTTT TTTTTTTTTT
 62051 TTTTTTTTGA GACAAAGTCT CGCTCTGTCA GCCAGGCTGG AGTGCAGTGG
 62101 CATGATCTGA GCTCACTGCA ACCTCCGTCT CCTGGGCTCA AGCAATTCTC
 62151 CTACCTCAGC CTCTCAAGTA GCTGGGATTA CAGGCACGTG CCACCACGGC
 62201 CTGGCTAATT TTTGTATTTT TAGTAGAGAC GGGGTTTCAC CGTGTGGCCA
 62251 GGCTGGTCTC GAATCCTGA CCTGAGGTAA TCCACCACC TTGGCCTCCC
 62301 AAAATGTTGG GATTACAGGC ATGAACCACT GCATCCAGCC ACTTTTTCAC
 62351 TCTTTATGTG GCCAGCCTGA GAATTTTCCA GGTCTTTCCA CTTTGCTACC
 62401 CTTTTGATTA TGAGTTTCAT CTGTAAGTCA CTTTTTCTCT TCTCACTACT
 62451 TAATGTAAAG GGTAAAAGT AGCCATATAA TAGCCTGAAT ACTTTGCTGA
 62501 CACTTAGATA TTTCTCTAC CATATATTCT AATTCATTGC TCTTAAGTTC
 62551 TACAGTCCAT AGAGCCCTAG GGCATGAACA CAATGTAGCC AAGTTCTTTA
 62601 CAACCTTATA GTCTTTACTC CAGTTTCCAA TACCTGTTC TTCAAGTTCA
 62651 TTTGAGACCT TGTCAGAGTG GCCTTTACTG TCCACATATC TGTGAACATT
 62701 CTGGTCATGA CCATTTAGAT AATCTCTGAG AAGTTCTAGA CTATCCCTAG
 62751 TTTTCTCTTC TGCACCTTCA CCAGAATTAC CCTAAATCCT CCATTCATGG
 62801 CAATATAGGC TTTTCTAGC ATTCACCTTT TTGGAACAAT TTTGGAACAA
 62851 TTCACAAAAT TGTTCCATTG TCTAGTTCCA AAAGCTGCTT CAACATTTTC
 62901 AGGTATTTGT ATAGCAGTAG CCCCACCTTT TGTGTCAATT TTCTCTTAGT
 62951 CCATTTTCTG TTACTATAAC TAAATACCTG ATAGTGGGTA ACGTATAAAG

63001 AAAAGAGGTT TGTTTTGGCT CACAATTCTG GAGGTTGAGA AGTCCAAGAT
63051 CAGGCAGCCA CATCTGGGTG ACTTCTGGTG AGGGCTTCAT GCTGCATCAT
63101 GACATAATAT AGTAGGGAAG TGGGTGGGTG TGAAAAGGGG AAAACTCAGG
63151 GAGAAGCCTT GCTTTATAAT AACACACTCT TGTAAC TAAT TCAGTCCTGT
63201 GAGAGCAAGG ACTCACTCAC TTCCTCGAGA ATTAATCCAG TCCTGCGAGA
63251 GTGGCATGAA TCCCTCTTAG TGACCTAATC GCCTCTTAAA GACTCTACCC
63301 CCAACACTGC CACACCAGGG ACCAGATCTC ACGCTGGAAT CTTGGGGAGC
63351 ACTCTCAAAC CATATATGGG AGCTCTTTTT GTCCAGAAGT CAGGCTAGCT
63401 CTAAGACCTA ACCCTCTACT CACATGGTTG ATATTTCTGG TGACCAGCCC
63451 CTGTCCTGAG CCATCTCATC TCTTAATGTA AACTCAGGTG TGATATAAGG
63501 GTGTGATATA AGGTGTGATA AATAATAAAG ATACTCCTAT TACTCCAAGG
63551 ATTTTCTCCC TTTCAGAAAC CAGGGACAAA TACCAGTCAA ATTCTTTATT
63601 ATACCACTGG GTCTCCACTG CCCAAAAGCT CAGAGTATTT ACCAAGCTCT
63651 CTATACTTTG ACTGGGCCAG AATTTACCT ACTCAGTGCT ATACAACCTG
63701 TAAAATCTCT GTTGAGCTCT TAGCTCCCCA AATATTTCCA GGCCCTGAA
63751 ATCTTGCTGC TGTTCCTACA GCTTAGGATT TAGTCCGGGA CCAAAGAGAA
63801 ACCCTATTCA GGCTTTTGGG GCTCCTTTTC TGTAAGTTGC TCTTATCCTG
63851 AGCTCAATTC CAGTCTCAGA AATCTCAGAC TTTGACATCT TTTCTTCTG
63901 CCTAGTAAGA CTGCTGCTCT CTACTTGAGC TCCATTTCCC TGTGACAAGG
63951 TTTGGGCCGT GAACCCATTA AAAACTACCC TCAGGAAGAA AACGGGGGTG
64001 AGTGTGGTGC TCATCTCGTG TGTTTTCTTT CTTTCAAGAA TAGCAGCACA
64051 TGATGCCTGC CTCCAGGGCC TAGAAAGAAT TGTTTTACTG TTCTAGTCCA
64101 GCTGTACAGT GAATTTTAAAG TCAAACAACA GCTATTTTAT TGAAGCCAGA
64151 ACCATAAGTT GCCAATGTTT CCTCAGTATA GAACCTTTATA CCATCAAATA
64201 TCTTTGAATA AAATTTTAAA ATGGAGACAT TTCTGAAAAA AAAATAAAAG
64251 ATTTTAAACA CACCTTCATT TGTGGCAATT TTAATGGATG TTTTCCAACA
64301 GGAAGAATGG AAAGTCTAAG ATATAAGAAG CAATAATGAG TAAAGAAAGT
64351 GGCAATATTT GGGTTAATAT TTGGGAATTA ATTTAATTTT AATTAATTAA
64401 TTAAAAGTGG GAATATTTGT GTTAATCTAA GTATTAATTG CTGAAATAA
64451 TAATGTCTCA TAACCTTTAAA AGTTTGGCAG AAAATATGTG AAAATATAGC
64501 AGATCAGTCA AAAAAGGACA ACTTCAAAT TTTGTACTGA AATCCTTGTA
64551 TAGTTGAGAA AAAGAAAAAA GATACCTATA AACTTAATTT TGATAAGTAT
64601 AGAGGGTAAA AATGTCTAAG GAAACCACTA ACAAAGCATA ACTTTCAAGT
64651 TTAGTAGTAG ACAATAAATG AAGTGAGAAA AATATTCAAA AAATCTAGGA
64701 AGAATTCAAG GGAGAAAATG AAAAATAGAA AAGGCAGAAA AAATAGAAAA
64751 TACAAAATAT TAGCTTTAAA TTCAAGTATA TTAGTAATTA CAATAAATGT
64801 AAACAAACCA AATGTTCCAA TTGAAAGATA ATAGTTATCA GAATAGAAAA
64851 AAAAGGCCCA GCTATTTGAC AAACAAACAA ACATATCTAA AATACAAGGA
64901 TAAAGGCTGA AAATAAAGA TGAAAAACAA TATTCCAGAA AAATAGCAGA
64951 AAGAGCCTGG TATAGGTATA ATAAAGTGAA ACACAATATA ATAGAGGCAT
65001 AAAGCATAAC TAGAGAGTAA GAGGACCACT AAGTAATAAT AGATTAAATT
65051 CACCAGGAAG ATAATACTA TTCCAAGTAT GTATTTACCG AGTAAGATCA
65101 GATTAACATG TAAAGTAAAA ATTGACAGAC TTATAAGGAG AAATAGATAA
65151 GCTCATGATC ACAATGGGAG CTATTACATA ATCTTAAATA ATTCCATTAG
65201 AAGAGAAGAA AGAGGCTAGG CATGGTGGCT CATGCCTGTA ATCCCACTC
65251 TTTGGGAGGC TGAGGTGGGA TGATTGCTTG AGGCCAGGAG TTGGAGACAA
65301 GCCTGAGCAA CACAGTGGGA CCCTGTCTCT ACAAAAAGAT AAAAAAATTA
65351 ACCAGGCATG ATAGCACACA CCTGAAGTCC CAGCTACTCA GGAGGCTGAG
65401 GTGGGAGGAT CACTTGAGCC AAGGAGTTG AAGCTGCAGT GAGCTCTGAT
65451 GGCACCACTG CACTCCAGCC TGGTGGCAGA GCAAGGAAAA GAAAAAATAA
65501 GACAGGACCA AAGTTGATGA GTTAAACATC TCCACCTCAC AATGTTAGGA
65551 AAAGAGTAGC AGAGTAAACC CAAATAAAGT TGAAGGAAGG AAGTAATAAA
65601 GAACAATAAT AAAAAGGAAT GGATAAAATT GAAAAAATAA AAGTACAACA
65651 GAAAGGTTCA ACAAAGCCAA AGGCTGATTT TTGAAAGAAC CAATAAATCT
65701 AACAAAATA TGTCAGAGT AATAAAGGAA AGAGGAGAGA GGGAGGAGGA
65751 GGGAAATAAT ACACATATCA GAAATGAAAA GAAGATGTAA TAATTAAAGC
65801 TGCAGAAATC AAAACAATAA TAGAATCTTA TTTACCAAT ATATTTGAAA
65851 GCTCTGCTGG TCAAATTTCC TGAAAAAATA ATTTGTCCAA ACTCACTTCA
65901 GTAGAAATAA AAAACCTAAT CAGTCTTAGC ATCATTCAAG AAATATAATC
65951 AGATTTCTAA CTGGAATCT TCCCACAAAG AATATGTCAG ATCCAGATAT
66001 TTTACCAGTG GGTACTAACA AATTTTCCAA CAACAACAAT TTTCACTCA
66051 TATGAACCTAC TCCGAATCC AGAAAAAGTG GGTATATTGA TGAGAATAAC
66101 ATAAACTTGA CACCAAAACC TGGTAAGAAT GTTTTTTTAA ATGCCAGTTT

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66151 GTACATAAAT ACAAAGTCC TAAGCAAAAA TTAGCAAAC ATATTTAGCA
66201 GTCTATTAAT AAAAGATAAA CCATAACAAT TTGGATTTAT CTCAAACTAT
66251 ATTTGTTTGC CACTAGAAGT CTCTTGATGT ATTTCAACCAC AGAACAATTT
66301 TAAGTGGGATA AGTCATATAA TCATCTCAAT AGATATAAGA AAAGTATTTT
66351 AAAAATCTAA TATCCATTCA TTTATTAGTG TAAGAAAAAA TTCTTACACT
66401 AGGAGAACCA AATAGAAGGG AACTTCTTTA ACTTCAAACA CCATTTTTTT
66451 TAAACCAGTA GCAAATAATA AATGTATTTA GTATATAATG CGAGCAAGGT
66501 TTTTCACTGT TAGGAAAGGG TTTTACAGAT ATGGAAAGTG GGAAGTCTAG
66551 AATGGTACAT TTGTTTTAG ATGGGAGTTG GAAGTATCAG TTAAGTATTG
66601 CTTGAAGTTA AGAGTGTGTG TGTGTGTGTG TGTGTGTCTG TAACATTCTC
66651 TAGCTCTGTG TGCTGAGAAG GCACAGAAGC AGTGATACTC CAGTAGCAAT
66701 GTACACCCCT AGCAGCCAGG TTTTCCACTG AAGGGAAC TAAGCTTCCTTG
66751 AGAAGTGGGG AAATGGAGCA GAAAAAGTAT ACAATGAATC TGGAAGGTTA
66801 TTTGGTGTCA GAAAAATAAA GCAGCGCTCA AAACATCATG GGGACTTGTC
66851 AAAACGATAC AATAGTCAAC TTAAAGGACT CATGCTGGCC ACATCTGGAC
66901 AATTTGAGCT TTAAAAAGAA AAAACATGT TAATGGATTT GTGGCATATT
66951 GTATGTTTCA AACTGTAGCCA CAACAGTATC TTCCATTTCA CATATTCTTC
67001 TTACAATGTG TCTTTGACCC TCCTCTTGTT GAGAGGCAGG GTCTATGTCC
67051 CCTCGTCTTG AACCTGGGGA CTTTGTGGA AGTGATGCTG TAGGACTTCG
67101 AGGCCAAATC GTAGATGACA GGGTAGCTTC CACCATGCTG GCTGGAACAC
67151 TCATGCTGGA GCCTAAGCCA CCATGTCAAC TGTCTAACTG TCCTGAGGTC
67201 CCTGTGCAAA CTAGTCCATG TGAAGAACC ACATGGAAG AGCCTGAGAC
67251 AGCCTGAAA GAGAAGATG CCACATCAGC CCCCACAGC TTCAGCTACC
67301 ATCTGACAAC AACTGTGTGA GAGGCTTCTG AGCTGAATCC ACCTGGCTGA
67351 ACCCTCCCCA GATATCTGAC CTACAGAAAT ATCGAGAAAT AATGCAACGC
67401 TTGTGTGTG TTTAAGTCAC TACGTTTTGT GGCAATTCTT TGCATAGCAA
67451 TAGGTAATCA TAATAGATTG GGGACAAAAA TATGAGATGA CACCATGACA
67501 AAACCTCAAA ACACCTGACT TTGGTTTTGG TGGCAGGAGG CATTGAGACT
67551 GCTGGTGAAA GCTTGCAGGG GCTGTGAGAG CGGGCTGGCA GAGTCTGAG
67601 GAGGCTCTCA GTGGGCACCT AAAGTCAAGG GAGGAAAATG TTCCAAGAAG
67651 TTGGATGGAA GAACCTGGA TGTGGGGTAG TGGGTGGTTT AATAATATTG
67701 TCACCTCTGG TAATGCAGTA AGATAGGAAA TATGCTAAAT AAACCTGATG
67751 ATTCCACTAA AGAGGCTATC AGACAGAACT TAGAAAGTAC CACCAGATTA
67801 GTTTTTTTGT TTGTTTTTTT CTTTCTTTTT TTTTTTTTTT TTTTGCCTAT
67851 GTTAAACAT GAGAGGGAGA GGTGAGCTGG AGGACAACT GTTAAATATA
67901 AAGGAGCCAA GACTCACCAG GCTTGAAAGT CAAACTTGTT CCATTTCAG
67951 CCTCTCAAAG GTGGTGAAAA GTTGTCAAAT TAAGAAAAAG TTTGAGGTCA
68001 AAAAGAAAAT CCATGAGGGG TACCTATAAG GTTCTTTGTT AAAAACCTCA
68051 GAAATATTCA AGGTATCATA GACTCTTCCA TCCAGGAAAA AAAGGAGGAC
68101 TTTTACAGAT CTTAAGGTGT GCCTTGCTGC TGAACAACAG GGCTTCTAGC
68151 ATCTTAAGAG CATTGTCCCA TAGGGAGCCC AGGAAATGGT AGGGTTTATC
68201 TTGAAGAGAT TTGTGAGTTT GGCTTTTCTT GGAAAAAGTA TGTATTAGGG
68251 TTCTCTGCAG AACAGAAATC AACAGAGAGA GAGAGAGAAT GAATGAGTGC
68301 GTGTGTGTGT GTGTGTGTAT GTGTGTGTTT AAAAATGTGT TTATTTTAAAG
68351 GAATTATCTC TTGCAATTGT GGAGGCTTGG CAAATCCAGA ATCTGATGGG
68401 GTAAGCTGGC AGGCTGGAGA CCCAGGGAAG GGTGTCAGTT TGAATCTAAA
68451 GGCCATGTCT GCTAGCAGAA TTCCTTCTTG CTTGGGGGAG GTCCATTTTT
68501 GTTCTATTAA GGCCTTCAAC TGATTGGATG AGACTCACCC ACACATATGA
68551 AGATAATCTG CTTTACTCAA AGTGTGCTA TTAAATGTT TACCTCATCA
68601 AAGAAAAAAA AAAAACCTTC ACAGAAACAT CCAGTAAAT GTTTGATGAA
68651 ATATTTGGGC TCTATGACCC AGCCAAGATG ACACACTAAT CACCACAGAG
68701 TACATTGTAA ACTGATACAC TAAAAGAATG CAAGTTTGTT TTTTCAAAAA
68751 TTATACAAGC TTAAACTGTA AGTGATAGAG ACAGTGCAAA ATGAAGAGGT
68801 CCCTGAATGT CCTAACTTCT ACAAGAAGGA AGCAGGCTGA GAAAACTACT
68851 TAACATGGGT TACTTTGTAT GGAAAGGAAG AAAGACTCAA AAGGGTGGAG
68901 CCAAGAGCCC TGGAGAATTA TTCCTGGAGT CGACCGGAGC CCTAATCAAG
68951 GGACTAGAAA CAGTACTGG CTAAATGCA GAAGTGTAT GCATCAGCAC
69001 CTGATTGTGC CTCACATTTT CTCCCTTTTT AAATGAAAAT ATCTGTAGAA
69051 GTTGTCTGT GCCGCCCCAC TGTATGCAT GGGCTGTGG AGTGAGTGT
69101 TACAGGTCTT CAGATTGAGA GGAATGGTGT GCGAGGAGCT GAATCCTAGG
69151 AACCTCACCT GAGAAGTCTT GTCTGAACCT GGACCTGATT TAGATAACAG
69201 ATAACCTGAT TTCGATCCTG GATTTTGTGC TGCTGCACTA ATAGATTGG
69251 GGATATTAGA GAGAGGATTA TTGCATATGG GAGGGATGTG AATTGTGGCC

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69301 AGAGGGTGGG TCATAGCAGA TTGATTTTCC AAAGATGGCA GCAGCAATAT
69351 CTCTCATCAC GCATATCCTT ATAACATGAA TTTGACCTTT CTTCCATGTA
69401 GAGATGGGAT CTATTTCCCC TCTTGAATCT GGGCAGGTTG TAACTGTGGC
69451 AGATGTGATT CTATATGACT TCTAAAGCTT TGTCATACAA ATGACAAATC
69501 ATCACCTTGC TGGCTAGATT GCTCACGGTG GATCCCCAAA CCACCATATA
69551 AACAGTGCCC TGAGGTTACC ATCTTGTAAG GGAGCCCAAG TGAGCCAACA
69601 TGTAGAGACC ACGTGGAGAT GCTCTGAGGC CACACGAAGA GAAAGAGAGA
69651 CGCTCAACAA GCCCCAGCT GGCTAGCCCC CCGCTCTCCC AGCTCTGGCT
69701 GTTGTCTGAC TCTAACCACA TGAGGGACCC AGAGCCAGAA TCACTTAGCT
69751 GAGTCCATCC CAAATTCCCA ACCCAGAGAA ATCATGAAAG ATAATAAAAT
69801 AAGTGTGTG TCAAACTCCC AGGCTTTTGA ATGGTTACAC AACAAAACAT
69851 AACTGGAAAA TAATTATAAC AACTGAATA AAATAGGAGT GCATGAGTCC
69901 CTACATACAT AAATGAATAA ATAAGTAGAT GGACATAAAG GAAAGCTCTT
69951 CCTGGTAGAA TGCCAGATAA GAAATATAGA AGGAAAGATG GAGTTAAAAA
70001 AAAAAAGTCT CAGCAGATAC GGAAAACCAA CAGTCAAAGT TTGATGAGGA
70051 ACAGAATATT TACATATTCT GCAAGTGTTC CTCCACACAT TACTTTTTAA
70101 TTACAAAAGG TGGATATAAC CTTAACCAG CAATTAAAGC TAGCATCACC
70151 AATATTGGGA TGAATCAACA TCATATGCCT CTTGATGTGA TATACTAAGA
70201 AGGACAAAGT GTCAATTCTT TGGTATTCCT GTGAAAAATT TATAACTTGA
70251 ATCTTAGGAG GAAACATCAA ACAATCCAT GTTGAGGGAC ATTCTACAAA
70301 ATAACCTGCC TGTACCCTTC AAAAAATATTA AGGTCAAGAG ACAGAAAGGC
70351 TGAGGAACCTG TTCCAGATAA AATGAGACTA AAGAGACATA ACAACTAAAT
70401 GCAATCTGTG ATCTGGGTT CGAACCTGGA CTAGGAAAAA AAAATAGATA
70451 TAAAGACATT ATTGGGATAA TTGACAAAAA TTGAATATGG ACTGTGGATT
70501 AGGTAAAGC ATCATAACAA TGCTGATTTC TACAGTTATA CTGTAGGAGG
70551 CTGTGTTGAC CTCAGGAAAT ATACGCTTTA GGATTAAAGG CACATGGGGC
70601 TTTAGCTTGT TCTCAAATGG TCCCCCCAA AATACATGTA TGTACTGTGT
70651 TTATATATGT ATAAATATAT ACATGTATGC CTATATATTT ATATATATAT
70701 GTGTGTACAT ATAGATACAC ACACACTATA TATGTGTGTG TCTCTGTGTG
70751 TGTGTGTGTG TGTGTATATA TATATATATG TGAGAGAGAA ATGATAAGCA
70801 AATGGGGCAA AATGCTAAAT CTGAGATAAA GTATAGGAGA TCCTTATACT
70851 ATTCTTGCTA TTTTCTGTG AGTTTGAAAT GATATCAAAA TAAACATGAG
70901 CAGGATGAGA GCACCTGCTA TCTCACTTCT ATTTAATATT GCACTGGAGG
70951 TCCTAGCTAG TGCAGTAAGG CAAGAGAAAG AAATAAACAA TATGAAAATT
71001 TGAAAGAGAG AAACAAAACCT GTGATTATTC ACAAATGATA TGGTTGTGTA
71051 GAAAAGCCAA ATGCTCTGTG AATACATTAC TAGGATAACT AATATCTTTT
71101 AATAAGGTTG TTAATACAA AATCAACATG CAAAATGTAA TTGCTTATCT
71151 GTATAACAGT AACAAAGAGA AAATGTAATT TAAAATTGAT ACCACTACTG
71201 GCATCAAAAA TATAAGCAA GAATGAATAT AACTAAAATG TGTAAGGTCC
71251 TCATGGAGAA AAAATTATGA AACTTTGTTG AAGGGGCTAA TTAATTAATA
71301 AGAAGGTCAG TATTGTAAAG GAGTTTATTC TCCCCCAAAA TGAACAGTGT
71351 ATTAACCTGT TATGAAAGT ATATGAATGA GTGTGTGTAA TTTGACAAGC
71401 AGGTTCTATA ATTTATGTG AAACCAAAG ACCAGAAATA ATGATGGCCA
71451 CCCTAAAGAA ATAGCACAAG AACTGCTGG TGAGAGCAGA AGCTTGTGCA
71501 ACTCTTTTGG GAAACAGTTT GGCTTTATTT AATACAGCTG AAAATGCCGT
71551 ACTCTAGGAA CCAGACACCC CACTCCCAGG AGCAACCTCT CATAGAATCT
71601 TTTCCATATT TGCACCTGGA GACATGAACA AGAAAGTTCT AGCACCTCTG
71651 TTCATAATTT AAAATTATAA ACAATTTTAA GATCTAGCAA CAGAGGAATG
71701 TATAAATCT AAATTGTGAT ATAGTCTACA GTGATAAAGA ATATAGCAAT
71751 TATCCTATAA TAATATATAG AATATAAAGA GATAGATCTG GAATACTATA
71801 CCCAGAGTGA AAATGAATGA ATTACAGTTA CATGTAATAA AATTGATGAG
71851 TCTCAGGCAC ATAATATTTG GCAAAAAGAA GCAATGACAA AAACAAGTAA
71901 AATTATTATA CATAAATTAT ACATGGATAA TCACTGTATT GTTATTTTAT
71951 ATGCCACATA TACTTTATAA CTACTTTGCT TCTATTCATA AGTTAATTTT
72001 AAATAATTTT AAAGAAATTT TAAATATTTA TTATGGCATT GATTATAATA
72051 ATAAAGTACC TTTAAATGTC CCCCAAAAGT AATTGACTGA AATAATGACA
72101 ATACAATCAT GCCATAGCAT ACTAAACAAA TATTTAAAC AATGTTACAC
72151 CTTTACAAAT ATTTTGTGTA AATAGAAAGT TGTTCACAAT ATGCTGTTAA
72201 GGGAGGAGGA AAGCAAGTTC TAAAAATAGA ATGTACTGTA GGTTCAGT
72251 TTCTAATCTG AATAAATAAA TAAATGAGAT AAATATGGAA GAATATAGAC
72301 TAAAAATTGA GGTATTTTTC TGACTAGTCA GTTGAATAA TTTTCTTTT
72351 CTTGTTGTT ATCTGTATTT TCTAATATTT TCCCACAATA AACAGATACT
72401 ACTTTTATAA TGGGGGTAAA ATCTGATGCT AACCAGAGAC CAGTGCATGC

72451 CTTTCCGTC TGTGCTCAGT TCATTCATTC ATTCACTTGC TTATTCACCA
 72501 TTCCGTGTGT ATTTGCAGAG GATCTACTGT GTGTGAGAGG CCCTCTGCTT
 72551 GGTGATAGCG AAAGAAAGAT GAACAAGGCA TTGTCCCTAC TCTGGAGCAG
 72601 TTCAGTCTCT CAGTCTCTGT GTAAATAATA ACCTAGTGCC ATATGCACTA
 72651 TTATGACACA AAACAACGAC ACTCATTAGT ATGAGAATGT TTACTTCCTC
 72701 TTCACTTCCT TCAGTCCACC AAAGAAAATC CCATAATTTT TAACCCCAATT
 72751 TCTATCCCCC TTGTCCTAAT CTACTTGGAC TGCTATAACA AAATGTCATA
 72801 GACTGGGTGG CTTAAGCAAC AGACATTTGT TCTCTGCCGA GAACAGCTCG
 72851 GTCGGGGAGA CCCTAACCTA GCAGCGCTAG AAGAATTAAA GACACACACA
 72901 CAGAAATATA GAGGTGTGAA GTGGGAAATC AGGGGTCTCA CAGCCTTCAG
 72951 AGCTGAGAGC CCTGAACAGA GATTTACCCA CGTATTTATT AACAGCAAAAC
 73001 CAGTCATTAG CATGGTTTCT ATAGATGTTA AATTAATAA AAGTATCCCT
 73051 TAAGGGAAAC GAAGGGACGG GCAGAATTAA TTGCAGCAGG AACATGCCCT
 73101 TAAGACACAG ATGGCTCAGG CTTTGTGTTG TGGCTTAAGA ATGCCTTTAA
 73151 GCGGTTTTCC GCCCTGGGCG GGCCAGGTGT TCCTTGCCCT CATTCCCTTA
 73201 AACCCACAAC CTTCAGCTT GGGCGTTATG GCCATTATGG ACATGTTACA
 73251 TTGCTGCAGA GATTTTCTTA ATGGCCAGTT TTGGGGCCAG TTTATGGCCA
 73301 GATTTTGGGG GGCTTGCTCC CAACAGTTCT CACAGTTTTG AAGGCTGCAA
 73351 AGTCCAAGAT CAGGATGCTG ACCAGCTTGA TTTCTGGTGA GGGTGCTCTA
 73401 CCTGGCTTGT AGATAGCTGT CTGCTTGCTC TGTCTTCACA TGGTAGAGAG
 73451 AGGGAGAGAG TTCTCTGTGC CTCTTCTTAT GAGGCCAACC ATCCTGTCAG
 73501 ATAACCCCCC TCCTTACGAC CACAGTTAAC CTTAATTACC TTCTTGAAAG
 73551 TCTTAATGCC AATAATAGTC ACATTGGGGA TTAGAATTTT AACATACGAA
 73601 TTTTAGGCGG GGCACAATTC AGTTCATAGC ACCCTTTTTT CCTTCTTTTC
 73651 TCATTAAGAG GCAGGTTGGC TCACATATTA AAAGGATGAA AAGGAGGTTG
 73701 CATGAAAAA AGGAAGGGAG TTGCAGAGAA GCTGGGAGTG AAGAGATTAA
 73751 GACAATTTTG GGAGAGATGC TGGGGACAGC TGGGGATGTG ATGCTGGGGA
 73801 CAGCTGGGCG TGTGAGGGAA CTGGGGGAGA AAAGAAGGGA TGTTATCAAA
 73851 TGTCTCCATG AATTAGGTAT TTGTATCCTA GTAACCATTT TTGAAAAAAG
 73901 CAAGGAAAGA ATTTGTGTTG TTAATAATTAT TTTTGACCTT GGGGCTATGT
 73951 TCCTTCAACC ACATTATTCT TCTGAGGCTG GACCTTATGA GTTCTGAATT
 74001 TAATGGTTCC ACAATAATAG TCATCATGGG CACATGGAGG GCAGAGCTAT
 74051 CTGAAACTTC ATCACTAGGC ATAAAAGTAA CAGGAATAGT GTGAAGAAAT
 74101 ACATCAGAAT ATAAGGAATT CATTACTGTA GTTAAATGTA TTAGAAAAGA
 74151 TCCACTTTTT ATCCTGGAAC TCAGTTTGCC CCGTGCCCTG ACTTGTCCTA
 74201 GAGTTAGAAC CAAATTCTAG AAGGCAGAGA AGGCCTCGAC TCACTGGAAA
 74251 ACAGCAGAGG GAATTTCTTA CTGACCTTTT CTTAAACTCA AGTGACAGAA
 74301 AAATAATGTG CATCTGATAG TTTAGGATGA TTTGTTAGCT TTAACATGGA
 74351 GTCTCCACTA TTTTCATAGGA GACTCAATTT ACTTATTTGG TTTTTTTTTT
 74401 TTACAATCAG GTTTTTTTTA ATACAACCAG TTTATTTTCC AGGTGATGGG
 74451 TTCTTTGACT TCCTTGAGTC CAGAACTATA AGCCAATAAC TTTCTGTTA
 74501 TTATAAATTA GTCTCAGATA ATTCTGTTAT AGTAGACAAA AACAGATGAA
 74551 GACAAGTAGG TGCTGCAGGA GAATGTTAGG CCCAATGTAC AGTATTAGGC
 74601 CTGAGGTTTC AGGAGGAGAT GTAGATGAGG AGCACTGCAG GAGGAGCACT
 74651 GCAGCAGGAG CAAGGACTCG GGGGAGCCAG AGCTGTGGGA GCACCTGGAG
 74701 AGAGAAGTTG GGGCAGGAAA GGGTGATGGG GCAGGATGAA GACTCCTCAG
 74751 GGGCACTTAG ATCCACCACC CACTCTTCCT TATTGAGGCT CACAGTCCAT
 74801 CTGCTCTGGG GTGGGCACTC AGGGTGACTC ATTTCCAATG TGGGATGAGG
 74851 TTGCTGATGA AGCGAATGTT TGTTCGCTC CTCACTAGGT TTTGCTGAAG
 74901 GTCTGTCTCG CCCAAAGCAG GGTGGAGATA ACTGTGAACA TGGAGAGCCT
 74951 GGCTTAGTTT TCCTATTGCT GCTGTAACAA ATTACCACGG ACTGGGTGGC
 75001 TTAAGTATAA ACTTACTGGC CAGGCATGGT GGCTCACGCC TGTAATCCCA
 75051 GCACTTTGGG AGGCTGAGGT GGGCGGATTG CTTGAGGCCA GGAGTTCAAG
 75101 ACCAGCCTGG CCAACATGGC AAAACCTGCT CTCTACTAAA AATACAAAAA
 75151 AATAGCTGGG CATGTTGCTA CAAGCCTGTA GTCCTAGCTA CTTAGAAGGC
 75201 TGAGATGGGA GAATCACCTG ATTCCAGGGA GTTTGAGGCT ATAGTGAGCA
 75251 GAGATCACAT CACTTTACTC CAGCCCGGAC AGCAGAGGGA GGCCTGTCT
 75301 CAAACAAGCA AACAAACAAA ACCCAACAAA TACCCAGAAA CTTATTATCT
 75351 CACTTCTGGA AGTCAGAAGT TGAGATCAGT TTCACTAAGC TAAAATCTAC
 75401 ATCATGTAGA TTGTGAAAGC TACATCATGA CCATGAGGAT TATTTTGGT
 75451 AGCTCTAATT CCATGATAAA GCCCACAAGT CCCCTCTGTT TCTTGCAATA
 75501 ACTCGTAGAA TCCACGAAGT GCTGTTTGTG GCTGAGCAGG AATCCCTGGA
 75551 ACTGTGCCCT AGAAGTTTCA CAGCTGAGAC AGGTCTCTG GGGTTCATTT

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75601 CTGGTTGGAT GCTTGGGGTT TGGAGATCAC CTGCCCTGGC TGTGTTTTGT
 75651 CCTCTGAATG GTTTTTCTCC AGGTACTCCC TTGACCAAAG GGGAGACTCC
 75701 AGGGCCCTTG ACCAAAGGGG AGACTCAGGA TTGGTACTCT AGGACTCTGG
 75751 CTGGCCAGCC CTACTGATGT TGTAAAGGA GGCTCTGACC TTGGTTATCA
 75801 GACATTGCCC CTACTGATGT TGTAAAGGA GGCTCTGACC TTGGTTATCA
 75851 GAGCAAATCC AGCGTATGTT TACCGTGCAA TGTACATTTT TGTCTGTG
 75901 TGTTTCAGAGA ATCAGAAGTC CTTATGGGGT AGATAAGGCC TGGTTCTGAC
 75951 GCCCAGAGTC CTGTTTATGA GTGGCTCATG AGAGGGGCCT CTGTTCTGTC
 76001 TAGCAGGGTC TTCCTTGGA GCTCTTAAGT AACCAGTGTC CTGGGTTAAC
 76051 CGGAATACCT CCTCCCTGG CCTTGTCTA CAATAGAGGC TTTGCCGTGT
 76101 GCCTACACAA CCAAAAAGGA AGCTGTTTCT ATTCCCAATC AGATCTGGAG
 76151 ATGATATTGA ACATAATTCT CTATGTTAGG AATGTAGAAA ATACACAGCA
 76201 TGGAGGGGAT AATGTGGGGC ATTTGTGGT GACTGTAGAT TCCTGGAAGT
 76251 TATTTATAAT AGTTGGCCTA TGGGGCTGCC AACAAGTGCA GAGGCAGTTC
 76301 TTCTTTCTAC ATGCTCTAAG GGAGAATCTA TTTCTTGCA CTTTCTAGTT
 76351 TTGGGAGGTC ACCTGCCTTC TTGGCTGTG GCGGCACATC ACTCTGACGT
 76401 CTACTTGTCT CCTCTGTCA TCATGTCTCC TTCTCCGACT GTGACCTCC
 76451 TGCTCTCTT TTAGAAGGAC CTGTGATTGT ATTGAGCCCT CCTGGATCTT
 76501 GCAGGATAAT TTTTCCATCC AAGATCCTTA CCTCACTCAC TTCTGTAAAG
 76551 TCCGTTTTGC AGTGTAAAG AACATATGTA TAGGTACCAG GCCTAGGATG
 76601 TGATATCTG TGGGGCCGTT ATTCCATCTA TTGTGAGGCA TGCCCTGTTC
 76651 CATCCCTGAC CTGGAGTGTA CTTGGTTTTT CTTCCACAG TAAAGGCATG
 76701 CAGATTATTG AAGGGTTGTG TCCTACGGGG ATGGATGCCA GGAATGAGCT
 76751 CACTGGAATG CTTTCAGTAT GGTTCCTTTG AGAATATGAC TGTGAGCGAG
 76801 GAGTCTGATG ATTTCCGCCC TATCACCAAA CCTGTGGTGC TGTAAACTAA
 76851 AGCTTGACTG GCAATTGGAG AAGGATCATC TTTCCCTTTC TACTTTCTCA
 76901 TTTCACACTG ATTTATTGCA AGTTGTAGCT CACAGTCTTA GCAAATGAAA
 76951 CAATTTGTTG CTCACTCCAT CGCTGTTTCAT TCCCCAGAGC TGAGAGGCCT
 77001 GCTTAGAAAA ATGTTCTTTT AGGGAACAAA TGCAGTGTGG AGGGGCTTGG
 77051 CTGCTGCCAG TGTGGAGGGA TCCACACTCC AACTCAGCT CTGGCCCTCA
 77101 GTCTTTCCAG GGGATATTCC ACGGCAGAAG TAGGACGCTT AAGGCCCTAT
 77151 GAGTCATGGG TAAGAATAAT CCTGAACTC ATGATGTGGG TCCCTCTCTG
 77201 ACAAGGTGAC CACAGAGATT AGGGCCAAAG TCAGGGCCCC AGACATCTCA
 77251 CTTCTCCCTC TTTCATGCCT CACTCATACC ACTGGGGGAC GGGGTCAGCA
 77301 CATTCTTCCA AAGAGGTGCC TTGTAACAAT TGCTTTAAAG GAACATGTTG
 77351 ACAAGAAGGT TGCTAAGATT TCGATGGAAA GATGTTGAAA GAAACCGTGT
 77401 GAAGAGAGCA TCCCATCAAT GATCAGCCAG TGAGACACAA GGAGGGGTCA
 77451 GTCCGTGTGT CTGAGCCCAT CCTTTTCTGC ATTCGCTCTC CCGGCAAAGA
 77501 AGAATATCGG CCCTATCCAG GGCCGAGCCT CATCTTCAGT CCCACCTTCT
 77551 AGATGTGAGT CTGGCCCATG TCCAGTCTGG GCACAGCCTA CTGTGGTCCA
 77601 GGCTTGCGCA GCATTTGGCA CTGGGGCAAG ATCCCATATC AGAGTCTGTG
 77651 GGTGTTAGAG GGAAGACCA CGGAGAGCCC ACTCAGGGCC TGTGTGAGTC
 77701 TGAGTCTCTG GCCAGCTCA GCCTGCCAGG TCTCTGCACT GGGGTGTGGG
 77751 GCCTGGGTAT AGCCCTTAGT TAGGGGTTTC TTGGCCCTCC TCTGTCAATG
 77801 TGCCTTGTFT ATCTTGGGGC TCCATGGTGA AGGGTCCCTG TTGTCGGGGC
 77851 AGGGTCCCTG GCCATAGGTC CACCTAAAAG TGGCACAGCC ACACAGCAAT
 77901 TTCTAGCTGG AGGAGATGAG GTTCTCTTTC TAGCTAAACT CATATGTTCT
 77951 CCAGGACACA TGCAAGATAT TATGCCTGTG TCTTATCTTC TTCTCACCA
 78001 CAATCTCCTT GAAGGCAGAA ACTAGATTG CTTCAATTAA GCTTATTTAC
 78051 TTGTCTTTGT CTTCAAGGCA CCTAGGCTAG TGTGAGCAC ACAATGCATG
 78101 TCACGTGACT GAGGATTACA CGTGGGCCCT GAGAACTGCT CCATTGTGAA
 78151 TGTCCCTGAG CAGGCAGCGA AGGTGCTGAG GTGGGCACCT GGAGTCCAGC
 78201 AAGGTGTTTT TAACCTGCTG TAACCTGAA TTCCAGCATG AGTGGGGAGG
 78251 CATTTCTGCG GCTCCTAACG GTGCTATCCA GGGCCGAGT GCTCTGGCT
 78301 CATGCTGCAG CTTCAGAAGA TGCTGATTG CTAGTTTTCC CTGAACTGTT
 78351 TTTTCTTCTC TCTGAGATCA GTGATTCCCA CCGTCGGTTT TACAGCACCC
 78401 CAGGTGTCTT CCAGCTGTCT CAAGGGCTGG CACAGAAGTC TCAAAACCAT
 78451 TTGCTTCAAA CAAAAACAA ATACACAGAA TACAGCAGTT TTAGCTGAAT
 78501 TTGGAGGCAG GAAAGAAAAA AAGTCTAACA AAATCCAAAC AAGCAAATTG
 78551 GGTGTACAC TCCAAAAAGC TGGACTCGCT GCCTTAGAAA AGAGAAATGG
 78601 TTACACAAAG TCACGTCTTC ATGTACTGGT TTGGATCCGT GTTCTGAGGA
 78651 CTGCTGCACA AATCCAATCA GACAGGACGC TAAAAAAA AAAAACCCTG
 78701 AACATTTTAT TGCTTTATTT TCCTTTCCCA TAGAAAATAA ATATTACACA

78751 GATGAATAGC AATATACAAA AAACCATTCA ACAGAGTTCT GAACCAGCAA
 78801 CTCTGAAGGG TGAGTCTTCA ACGAAGCAGA ACTTTACCAT TTGCTGAGCC
 78851 TCTGTTTAGG AGAGGGTTTA GAACCAGAAA TGCCCTGTCT GGGTTGGGGA
 78901 TCTTTTAGCT CCTTGATCAG GCACCAGGGA GGCAGTGTG TCTAATTATC
 78951 CTCATCTATA AAATGGAGAT GATAATAATC ATACCTCATA AAGTTAGGAG
 79001 AATTCAATAA ATTAATAATT ATGAAAATCT TAAAACAGAG GTTGGTGCAT
 79051 AGTAAGCATT ATGTCAAGT GTGCTCAAGA AAGCATTGGG AGCCTGCAAT
 79101 GTACCAGGCC TGGTGCTAGC TTGGTAGGTT CCTGGGCTGA CTGTTTGTGT
 79151 CTGGGTTGGT TTTTGTCTCA TAGGGAAGAC AGAGAAGGAG ACACCTGAAT
 79201 AAAATACCTT GTGATGAATG CTAGTTCCCC ACAGAGTCAT GTGAGGATTC
 79251 TTAATTAATA CATGGATTCT GGTGCTGGCA TTTGTTGTTA ATATTTTGGG
 79301 CAAGTCATTT ATCTTTTCTG AGCCTTTGGG TATTCACAGG GAATGCTAGG
 79351 TTCCAATAAC AAATAGTCTC CATGATTTCG GTGGCTTCAC ACAATGGACA
 79401 TTTACTTCTT GCTCCAGGAA CAATTCAGAG CAGGTGTTCA GATTGTCAAG
 79451 GCAGCTGTCT TCCACATGGC CATTCTGTGA TCCAGGCTGA CAATGGCTTC
 79501 CAAGATTACC CTGGGGATCA GCATCCAGG CAGCCGGAGC AAGAGCATGG
 79551 AGGCTCCCC ATGCTGTGG GACGTTCTCA TGGGCCAGAC CTGGAGGTGG
 79601 CACTGCTCAC TGCCATGCAC ATTCTCATGG AGGAGACTTA ATCAGATGGC
 79651 CACATCTAAT GGCAAGAGAG GCTGGAGATA GCGAACAGCT CTGTGTCCAA
 79701 ACAAGAACAG GTTTTACTAG ACATCTCAAT TTGTTTATTT CTAAATATG
 79751 AGGTGGTATC CTGCCATGC TGACTTACAC GGGTTGTTGG GGGAAACATG
 79801 CACTATAATG GATATCAAGT CACCTGGGAT GGAAGGAGCT GTGTGGACAA
 79851 GGGAGTTGTT GGTGGGAAC AGTGGCCTTG GCCTGCAGAA GAGTGGGGCA
 79901 GGGGTTCTGC TGGTGTCTCA GCAGCACAAC TCAATTCAAA AAGTGTTCAC
 79951 AGAGGAGCGT GCCAGGCTCT GCCCTGGGTG CTAGGGATGT AGTCATCCCA
 80001 TGACAAGCTC AGGGAGGAGG AATCACAGTT CAGCGTGACA TGAGCATGA
 80051 GAGCTTGCAT GTGGTGTCTG ATCCAGACGC GGTGGTCAGG ACATCCTTCC
 80101 CAAGGACAGG GCATCTAACC AGAGAACAGA AGGAGATGGC CCAGTGGGGC
 80151 AGGTGGGGG AGGGGCCAGG TGGAGGGAGG GTGTTTAAAG CAGAGAAAAT
 80201 TCCATGAGAG CAAGAGAGCA TGGCTTGAGT TAGGAACAAA AACTCAATAT
 80251 GAGCAGATGT TAAATGGAGG AGAAGAAGCC AAGAGTTACC AGAAAGGTTG
 80301 GCAGAGCTTG TAGGCCATAG TGAGGCCTAA TGGGCAGCTC ACCTTTCTGT
 80351 GGGAAATCCC CCTTTGTGTA AAGGTGACTT ATTTCTTAGA GCCATAATAG
 80401 TGTGTCTTTG AAATTGTTAC GGAAACAGCA AGAGGGGACA TGGCATTTTA
 80451 CCTGCAACCA CATTCCACCT GTTCCACTGT GTACACCTGA ACCAAATCCC
 80501 TGAATGATA ACATTATCA AGGTTATTCT GTGGTGTCTG GGCTAACCTT
 80551 GATGACCAGG TTCACCTCC TTCCCAACAT AGGCATCTGG CTGGAGGAG
 80601 CTAAATTAAT AAGATTTGTG TCTTAATAAC TTGCAGGTGA GTGCCAGTG
 80651 TTCCTTGGGG GTGGGAAGCC AAGCAAGGCC AAGGCTGCCA TGTGGGGTGG
 80701 CTGACCCCTG GATATCAGGG GGGTTACTTG GACTCTTTTG TCTGGGCCCCA
 80751 GAATTGACAT AGCTGTCTGG GCCAGGCACC CTGCTGGTTA TCACTCCATA
 80801 GCTCAGTCTG TGTGTGATGT GTCTTTTGCA CCTTCACCTT CATGTTTCCA
 80851 AATAAGGAAA AGTGCAATG AGAGAAGGGG AGAATATTTC TATAATGTGA
 80901 ATGACTCTTG CTACTCTGAG TTCCCTCAGC TGTTTCAGTT ATAATTCTTA
 80951 TAGGATCAGT TCAGGCCTGC ATTTCCAGGG ATGATGCTTG GCTGTTTAAAC
 81001 AGCATTTTAT GTCTGGAATG CTTATAACAT CGGTCAGTTA TGCAGTGAAT
 81051 GCACTTATGG GTGTGTGTGT GTGTGTGTGT GTGTGTGTGT ACACGTGCAC
 81101 ATCTCAGAGC AAAAGAGATC ACAACTGAGA GGCTGAGAGA ACAGACACTG
 81151 GCTAGCCCTG CCTGATTGG GGGTGAACCC TGGTCTTCAT GAGGAGTCAG
 81201 AAGCAGTTTC TAGTGAAAGT AGCATGTCTC TTTGAGGCAT AAAGCTTCAC
 81251 CAGTCTTCTT GGAACCTTGA CTAATTTTGG ATTCTCTGGT TCCATGAGCC
 81301 AAGCATTATA CTAAATATA CCCCTCAATT TGCAGAGAAG TGGAAAGGTG
 81351 TCAAACACAG AATCAAAATA AAGGATAATT TTCCATCTTC TGCTGAAACC
 81401 TCTCATTTTC CAGCAATGTA GAAACAAAAC AAGAGACGAG AGGACATGTG
 81451 GGGACTGAGA ATGAGTGCAT TAGCAGTCTT TTGGAGATAC CCACACAGAC
 81501 CTGATGAGCT TCTCAGGACA GAGGGCTGCA CTCAGGATTC ATCCTCATCC
 81551 ACAGTGATTG TGGCTGTGTG GACTTACACA ACTGGCAGCT TGCTGCCAGT
 81601 TGCCGCTCTG TTGGGTAGGA AAAAGGAGGA CTTGGAAACT GCCTCCGGAG
 81651 AGCCTTTTGG AGGTGAAGGA AGTTGGCTGG CAACTCTGTC CACTCAAGCT
 81701 CAAACTTCA GCCCGTTTAC CAGCTCCTGT TGGTCCAAGT CTGAATTGTC
 81751 CAGGTTGGCC GACAAGTTCT GCTCCTTCTC CTGTTTCGCA TTCATCCCAT
 81801 CTCCTCCTGC TACTCCCATG TGGTCAAAGT CCTCATCCCC AGCTCCCTGC
 81851 AAAGGCCTCC CCATGAGCCT CCCTGACCCT GTCTGCATAG CGCCACTTCA

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81901 CAACTCGTCC GCAAATGTTA TCTTCTCACC ACTGGCCAGC TCAGTTGGGG
 81951 TTGGAGTGTG TGTGATAAGC TAATCCACGT GGAGATCTAA ATGGCCTCCA
 82001 GGGGTCATTA GGAACCTCA CTTTTTTTCT GCCCAAATTT CAAGACCATC
 82051 CGTGGGGGAT CTTTACCCTA CCTCTCCAAT AGGAGTCGCA CCCTAACCCA
 82101 GCAAGTCCCC TTCGTTCTGG CTGTACATTT GGGCTTTCCC TATTTGTGAA
 82151 TGGATTCTCC TCTTCCTCCA AGACCCAGCT GAGATCTCAT CTCTGCAAAG
 82201 ACTTCTCAGT TCCCTCCTGT TCACCTTCTT TCCCTCAACA CTCAAACCCC
 82251 ACCCCTCATT GTCCAGTGCT TGATAATGAG GCTACCCCTT TGGTTTCATG
 82301 AATTGCTTCA TCTCCCCAGC TGTATAGTGA AGAGAATAAA AATAGCCACA
 82351 GTGTATTGAT CATTTACCGT AGGCCTCATA AATATCATGG CATTTAGTAT
 82401 GTCCAATAAC TGTGTGTGAT AAGTATCAAT GTCTCATTGT AGTTAGAAAA
 82451 TCACAGTGCT AGGTATCAAA GCTGTTTCATC TGTTAAAGTC GTGCTTTCCT
 82501 CAGGGGCCCTC AGTGTGTGTG TCCCGTGAGA GGTGCTCAGT AGACAGTTGA
 82551 GAGAATAACA AGCTGCTCCG TCTCCCCCAT GACCCTAGCA CCCAGCACAG
 82601 TGCTGAGCAT GTAATACATG CTCAACTAAT ATGTCTTTGA CAGACATATT
 82651 TGAAGGCATA AAGAGCTAGG AGAATATTGA CAGTCCCAC TGGCTGATGG
 82701 AGTAAACCAG GGCCTCAGGA GTCAGTCTAG AAGTCCAGT TCTGGTCCGA
 82751 GTCCTGCACT GGTGAGCTGA GGGACCTCGG GTCCTGCTCA CCCCAGACT
 82801 CAATTTCTTC ATTTGCATGA CAAGGGCTTG TGCACAGGTT CTGTGAACTC
 82851 TGGAAATCTT GATGCTTTTA CTCATTCCCT GAAGAGGTTA ATTAGGACGA
 82901 AGTGCTCTTT AACTGGCAAT TACACTGCTG CGATATAGCT TGTTTAGTGA
 82951 GGCCGGCATC ATTGCCAAGG CCAGGACGGT TTCTGATGAT CATTTGCCAG
 83001 TCTCAGGAG ACAGAGACCG TGAGGAGACT GCTTAAGATG AATAAGAAAC
 83051 TCCCCCACT CACCATCAAA TGAGAAAGCT ATGGATCCAG AGCTGGGGAA
 83101 CACCACTGGG CAGGATGGTT TCAATGCCCC TAATTTAGCT TGCTCTAATT
 83151 CTCCTAAGC AGCTCTTTCT CAGTGGGAAA CAAAGAAGCT GCCTTTGAGT
 83201 GGAAGTCTG TGTATCCTTG TGAGGTAGAA GTCAGGCACA GGCTAACCAAG
 83251 ACATGGACTT GGGCAGTGCA GGGGGAAACA ACCCAGCCCT CAACAAGCAT
 83301 CACGCTTGCG TTGGCCAGCT CTGTTTGGGG TGGAAATGTG GTGATAAGCG
 83351 AATTACAGTG GAGATCTAAA TGACTGCCAA GGGTCATTG CATTTCTAAC
 83401 CAAAGGGATA CATAATTAAT GGTAGCTCTT GAGACATCAA ACTGACATAT
 83451 CGACTGTGGG CCTGTTTTGC CAGAACAGCG GAAAGGCTGG GGCACCCGTC
 83501 TGCTGGGAAG ACTCCATGTA ACAGGGTTAA AAAGGTAAAG TTTCAGAGGA
 83551 CTTTCTGATC CATGAAGTTA GTGGTGCATG TGTCTGTTCA GGGACTCCTC
 83601 ATCTAAAGCA TTTACAGACA TATTAGCAAG ATTAGGTGAC TCCAAAGGGC
 83651 TGTGAGGAGG ACTGAGTACA GTGAGGCCAA ATTCAGTCTT GAAACCTAAC
 83701 ATCTGCCAGT GCATCTGAGT GGGTGCCAG TGGGTGGCCT CACTACTAG
 83751 CTGGGCCAGG CAGCGGGATG GCTGCCTTTT GTGTGCAGAG GCCCATGGGG
 83801 GCTGTCTGTT GGTGTGTGATT TTCCTGGCTT TAGCGCTATA CGTTTGAATC
 83851 ACTGCAGTAT TGTACAACCC ACCCAGGGGC GGGGTGGGGG GTGCATTCTT
 83901 GGAGGGCCCT CTATGCACCT GTTAGTATTG CAAGTACGGG TCCAAAGAGA
 83951 CGCAGCTTGG AAGAAGCACA CGTTCGTGGG TGCCCTGTG TACAGCAGGC
 84001 TTCTCTGCGC GAAGTTGTTT TAGCCCTCTG TTCTGCAAGT TACAGCATCT
 84051 TGAATGAGGC AAAGTGACAC ACGGGCAAAT GGTGTGTATT CCCTACAAAC
 84101 TCCTCAGAGT TGACACCGCT CTCGCCTTTC TTCTTGCTTT GCCAGAGGCT
 84151 GTGACTCTGG CTCTTCACTC TTCAGTCATC ACAAAGCCTT TTCCCTTTAT
 84201 CATGTACAGC CTTGGAAAAC CCACAGTCAT GAAAAATGATT TATCTTCCTA
 84251 AATTGTCAGT GATCTCCCAT TAGGCTTAGG ATAAAATCCA ATTTCTTCCC
 84301 AGGCCTCCAA GGGCTTGTGT GATCTCACCT CTGCCTGCCT GTCTCCGTTT
 84351 AAGCCCGTCC ATCTCTCTCT CCAGCTTCCC ATGCTCCAGA CACGCTGACC
 84401 TGTCTCCTT CTGCCCTCA AGCAGGACAC ACCTGCTCCC ACCCTGGGCC
 84451 TGTGCACATG CTGTGCTGTC CCCTCTCCCT GAGCGGCTCC CCTCGGATCT
 84501 TTTGTGACTG CTGCTGTCTC ATCTGGTGTG TCCAGATGT TAACTTCCCA
 84551 GAGAGACCAC CACTGACGTT CCTGTCACAA GGACACCCGT CTTCCCTGCC
 84601 CACCTGTGAC TTTGTTTTAG CTTCTTCACA GCAATTGTGA TTATGGGAAA
 84651 TTGTCTTATT TATTGTTTAA TGTCTGTACA GTGGACTAGG ATGTCGGCTC
 84701 TAAGACAAAA ATGTCCTCTC AGACTTGGA TTTTAAATG TGTTCAAAT
 84751 TTACAATTGT AATAAATGGG TAACATAATA AATAATAAAT TGTATATTAG
 84801 GTCCCTGGAC TGCTGTTGAA TGAATGAATG GCAACAATGA TAGGAGTAGT
 84851 TGCTGTTTAT TGAGTACCTG TTATGTGTCA GGCTCCACAT TTAATCATCA
 84901 CACCAAACCC AAGTGACCAG TGCTGTCAAC CTCACCTTAC ATATAAAAC
 84951 ATATTAATAA AAACCAAGAT TCACAAATGT TACATGATTT TCACTTTTGT
 85001 AATAGCGGTA ACAGCCTGGA TTCAAGCCCA GGTCTGACTG GTTCAGAAAC

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85051 CCATGCCCTT TCTCTAAAGA AGAAGTAGGT AACTTGCTAT GTCATCCACT
 85101 ATCTGGTGGT TTTCCCTGCT GGCTGGTTTT CCCTTCTCT CCCACTCTGC
 85151 ACCCAGCAG CTCAGGCAT GGATGCCAGT CCATTCAGAT TTCTCCTATG
 85201 TCTGTCTGT GTTAGTCTAC TTGGGCTGCC ATGACAAAGT ATTGCAGACT
 85251 GGGTGGCTTC AACACCGGAA GTTTATTTTC TCACGGTCCT GGAGGCTGGA
 85301 AGTCTGAGCC AAGGTACTGG GAGGATTGGT GAGGCCTCTC TCCTGGGCTT
 85351 GCACACAGCT ACCTTCTTGC TGTGTCTCTA CATGGCCTTT CCTCTGCACG
 85401 CATGCCGGA GAGAGACGGC TGGCGTCTCT TCTTATAAGG ACACCAGTCC
 85451 TATCAGATTT GAGCCCTGCC CTCCTGACCT CATTTTACGT TAATTACCTC
 85501 CTTGAGAATT CTAACCTCAA ATATAGTAAC ACTGGGGTTA GGATTTTAAC
 85551 ATGAATGTGG GGTAGGGGGG ACTCGGGGGT GGCAGGGGCA CAATTCAGTC
 85601 CCTTACACAT TCTGTGAAA CACTTTTTCC GATGCCTTAA TTATACCCAA
 85651 CTGATTAAAA TACAAAAGTA ATATTAACAG TTCCCAATCA GTGCTTGAGG
 85701 GCTAGAAAAC ATTGAAATAT GTGATCCCTG CCCCCGAGGC ACTTAGCGTT
 85751 TCAAATCTCG GACTCATTGA GTTGTGTGCT TTATTAATGA TAATTGGGGC
 85801 TTTTAGAATG AATGCTGGAT GCCCGTGTG AAGCCCCTCA GCCCTGAAGG
 85851 GCCACTGGGG CAGACACATG CTAAGAACGT GTCAATTGGA TAATCAATTA
 85901 GCTTAATTTA AAAAGTGGCA GCCACTGAGA TAGGAAATGT GAAAGATGCT
 85951 ACTGAAAATT GTTTAGTCTG CAAGTCACAT CAGAGAGATG TCTGCATCAG
 86001 CATTATATCA TGATTTGGCC TCCAGAATTT AGGCAGAATG TGAGAAAGCT
 86051 GGAGAAGGTC CAGAAATAAA CAACAGGATG AATTAAGGGA GAGAAAATAA
 86101 TGCTATGAGA AAAGGTGATA AGAGTTGCAT TTTTATTTT TTAATCCCA
 86151 ATGCCCCAAGA GATTGTGGCA CATAGGTAAT TACTATCTTC TAGGGTCGTT
 86201 AAAGGAAGAA TGCTGACCAA CTGTTAATA TTTCTTGGG AAATTTAATA
 86251 GGAGTCATGG GCTCAAGTCC AGCATAAGAG AAGTGGAGGG GGCAAAGAAG
 86301 CAATCATTTT GATTTTGTAGT GTGATTAAAT GCTGAATTAA TTCCAGCAA
 86351 GGGAATTGCA CTATCGGTGG TCCTGTCTTG ACAGCTATTT GTCTGGAATG
 86401 GTTCATGTGC ATAGACTCAA GCCTCTCCCA CCTGGTAGAA TTCTTGCTCC
 86451 TCATAGATAA TTTTCCCCAC AGCTATATGT CACTGTGGGG AACTCTGAGG
 86501 GCCTGGGGAT CTATACCTTT ATTCTGCTTT GCACAGTGTG TCCTGAAGTT
 86551 TCCACATCTT TGGCACTTAG AGAGCTTTAC ATCATCTAAT TCTGCCTTCT
 86601 GGCATCTCTT CTCAATTGCA TCACAGTGCT CTTGGGACAA CCCTGCAGTT
 86651 TATAAATCCA TCTACCTGGA GGCAGGAGAT CAAATCAGAT GACCTGTGAA
 86701 GCCCCTTTGT GGTGAAAACA TCTAGCGGCT TTCTTACTTA GAAATTAAAG
 86751 ATGGGTGCAG TGTCATGGCT GCTCACTCTG CCTCTCCATG AGAGGAAACT
 86801 AAATAAAAAA TCTCACAAGA CATTAAATAGC CAAATAAAGA GTTAATAGGG
 86851 TTCGTCTCTG GGAGTTAATT TAGAAAGAGT TGATAGGATA ATGGGCAATA
 86901 AAATAGAAAA GGAAATAATG TTTATTGAGA ATCATTCTT CTGTTAAAT
 86951 GTATTAGGTT CACAAAGGAG TTGCTATTTT GGAATCATTC ATTTGATGAT
 87001 TCCTCAAAGA TTTCTGAGAG CCAACTAGAT GCCAGGCACT CTCCCCGGTG
 87051 CTGAAGATAG GGTGGCAGGC AGTACAAAGC TCCTGCCTTG GTGAGCTTGC
 87101 AAGTCCTCAT GAATTAGGAT TTCCAACCTG AAGTGACAAA AATGCAACCC
 87151 AAAGTGCTTT AAGCCAGGAG AAAAGGATCT GTAACGGGA AGACTAGTGA
 87201 TAACTGGTTC CATATTATTG CTGGATTGGA TTCAGGGCTC AGCAGGGAAG
 87251 CAAGTGACAG CCTGCCCCAAC TGCTCAGCTG AATCTCTGAG GTTTCCTCTT
 87301 GCTGGACCAG CTTGGGTCTT GGGACCATCC CTGAACACCA GTTATATAGA
 87351 GAAGGAAAGA CTGCTGTACC TAAGGTTAAG TGGAGACATG TTTTCCCTCT
 87401 GCTGCTGGGG ATGGGGGGTC AGCTTACCCC TAAGAGTGGG GCTGGGGTCA
 87451 TTTTGCTAAA GCAAGCTCAG GACATGCTTG CCCTAGGAAG GAACAGTGAA
 87501 TGCTTGATGA AAAAAAAT TTCTTTAAGG TAGTTACTTT TTAAGTTTTT
 87551 TAAACAAACT TCAGAAAGTT TAATCCACAC AGGGACTTCG AACCCACATC
 87601 TTTCTTTACA TGGTGTCTCT TCAGGAAGCA GCAGGAGAAA TATTTGCCTA
 87651 GTCCCCGCTG CCAGAACCAC CTTCTTCCTC CACATCAGCT TTTCCAGTGA
 87701 TTCAGACCCA CCCCTCCATC CCATCAGAAC CCATCTAGCC CACACCTCCT
 87751 TCTCAGTGCC TAGCTTTGTG CTGCCCCAAA TGCTACATCA TTCTATATTA
 87801 TGCACAGTGA GAAATATATG TATGCAGAA ACACACAT ACCTGTGTCT
 87851 GGATGATATA TGTGACTTTT CATAAAGCA ACCCTGCTCT TAAAAACCCC
 87901 TTCTGTGAAC ACTCTCCACC CTCCCCTGCC TTCTGACAGA TCTCAGGCAA
 87951 AGATTACACT TGCTGACAGC AGGAACCCAC CAGCCCCCTA ATTTACACT
 88001 TAGCACCTTG CCATTGGAAG AATGCACCAT TTTTCTTCC TGAAGTGCTA
 88051 CACTCCAGGG CAGGTCCTTT GTGTCTATG AAAGTGCTGT CCATCACTGG
 88101 CTGCTTCTCC TCTGGCCCT CCCACCCCCA CCCCACGCC AAATATCTCT
 88151 GGGGCGAGCC CTGGGGTTCC CATCTTGGTG CTCCCCACAG CCCTCCGTGG

88201 TGTGCTCTGG ATGGTTGAGT GGAATGGCTT TCTCGAGATG AAGAGAAGAG
 88251 GCCTGCAGCA TGGAAGGGAA GGAGTGGGCA CAGGGCCGTC TCTACTGCTC
 88301 ACTGCACCTC CTCCAGTGTC CTGTGACAAA TTCTGAGAGC TCTCCACCCA
 88351 TCCACTCCAC ACCTTCTTCC CCAAACCTGT GGTTTAAAGT ACATAAGCAA
 88401 TGCAGCCACA TTGCAAAACA AGAAAATGAG GGAAGGAGAA GGGAGGGTCC
 88451 TGAGAAAGGA GAAGAAAAGA GGAAGAAAAG CAGAAGAAAA ATTGAGAAAA
 88501 GAAATACGGA AACCCACCTG CAATTGCCAC CTGCAGGTTC TTTTCATGTG
 88551 CATCTGTTTT ATGTTGTTAC TCTTTCAATA CAGAGTTGCC CACGGTCTAC
 88601 TCTAGCTACT TGTTTTATCC AAGTAATTTT ATGTAAAAAA TTTACCCTCA
 88651 ATCTTCTGTA GCTCGCCTTG CTAGGGTGAC ACCTACATCT CCTGCCTAAG
 88701 TATTGTCATT AGACCCAAAA TGAAATGCAT GTGACTTGCA GGGTCAAAGG
 88751 CTCAGTGCCC TTGCTCTCCG ATTAGAAGAT CTTAGGATGA CTTATTTTGA
 88801 TTTCTTGTTT CTGATTGTGC CTCTTAGGGC AGAAATGGTT CTGCTAAAC
 88851 AACAAAATTC TCTATAAAAG GCATCTTGCT GGGGAAGGAG GGATAATACC
 88901 TGGTTGGAAG AGTACAGGTA GTTATTGCAT GAAAAATACC AAAGGGGCCC
 88951 AGGCACCATC ATTACTGCTA TTGCCCTTCT CGGAAAGGCT GACGTGTTGA
 89001 AATCAACTGT GGCCATCCCG GCTTTCCTTT ATGTTGCTGC TTTGGACGGA
 89051 GCAGACAGAA AGAAGCGTGC ACGTTGGTGA TTGGCGGCAT GACAGCCTCA
 89101 AGGCACTAAC CCAGCACCTG CTTCTGAGG CCAGCTCAGC ACCTCACAAG
 89151 GTGCCAGGTG CTGGGATAGG AACAGAAGGG ACTTGGTCCC TGTCTGAGAG
 89201 GTGTTTCATCT GGGAGGAAGC CAGCCATATG TGTGACTTCT AGTGCCCAAT
 89251 TAGTCAGTGT ACATCCAGAA AGCAGGGGCG CATTCCAGCT TATAGAAGAG
 89301 AAGCCCTGGT GTGGAATGT GTTGTGTGTT TTTACAACAG TCAGAACAAA
 89351 TGGTGGCCTT TGGAAAGTAC CATGAGCAAT GTTAGATTAT AAGGACAAGC
 89401 AATGGAATGT TAAGGGTCAG AGGCAGGAGG GGACCCCTC CTTGCATGGA
 89451 GCACCTTGTA CTCTGCCTGA CAAGTGAGCC TCAAAACAGA GAGCTTGGTT
 89501 TTACAAAAGT TTTTCTTCC CTTCAGGTCT CATACTTTTA TTTGTAAAGT
 89551 GGTGCTAATA ATAGTCTTTC TTCTTTCACT GGATTGATGA AAGACTCAAG
 89601 TACTAACCAC ATACAAAGAT TATTGTTAAT TTAATGCATT CCATGGGGGG
 89651 TCAGGGAATA ATATCCTTT GTAATTTGGT TTTAAGAACG ATTTTAAATT
 89701 TTTCCCCCAA TTACAAAATG GATAAATTTG CATTGTAGCC AATTTGGAAA
 89751 TATAGCAAAG CACATAAAAA TATTTTTTAA TTATCATCCA GACATTAAAA
 89801 ACCATTACCA TTGGCATGTA TCTCCCAACC AAGCTTTTTT CTATGCACGG
 89851 GTTAAGAAAA ACAAGCATTC AGCATCTCTG TTCTTATATC CTTGTCCATA
 89901 TACTCCTAAT TTTGTCCTTA ACATAGAGTC TAGTAGTAAA ATTGTTGGAG
 89951 TGTAGAGCAG AATATATGCA GAGTTTCAGA TCTTTAGAAC TATAGTGTC
 90001 AACTGCCATT TTGAAAGGTT ATTCAATTCA CATCCAGAA ATTGAAGATA
 90051 ATGCTGCCCC CTTCCCCACC TGTCTTTTGC TGGGTGCTAA CATTCTCTAA
 90101 CATCTTTACT AATTTGATAG TATAAAAATG GACTTTCATT GTTTTAATTA
 90151 GCCTTTCTTT GATTATTGGT GATGAACATT TTTTTCATGT GTTTATTCAC
 90201 CAGTTGTATT GATTTCTCTG TAGTTTGACT ACTCCTTGTC TTTTCTCTAT
 90251 TGATGTATTT CTCTTATTA TTGATTTGTA AAATAACACT TTTATATATT
 90301 AAAGACATTG ACTTTTCAGC AAACATTTTG CAAGTATTTT CCCAATTTGT
 90351 CGTTTGTCTT TTGTTTATGG TAGGCCTGAT AAACAGAAGG TTTGTAATGT
 90401 TTATTTAGTC AAAAATGTTT AACTTTTTTC CTTTATGGTA TCAGCATTCG
 90451 TTTATATGCA TATAAAGTGC TTTCCAATTT GGCATGGTTA ATTTTGTATG
 90501 TCCACTTGGC TAGGCCATAG TGCCTAAATA TTTGGTCAGA CATTATTCTA
 90551 GATATTTCTG TGAAGATACT TTTCAGATGA GATTGACGTT TAAATTACTA
 90601 GACTTTGAGT AAAGCAGATT ACCCTCCATA ATGTGGGTGG ACCTCACCCA
 90651 GTCAGTGGAA GGTCTTAGTA GAAAAAAGAC TTAGCTCCCG CAAAGAAGAG
 90701 ATAATTCTGC CAGTAGACTG CTTTGGACTT GAATGGTAAC ATCAGCTCTT
 90751 TTCTGGGACT TCAGCCTGCC AGCCTACCTT GCAGATTTTG GACTTGAGTG
 90801 GTAACATCAA CTCTTTTCTG GGACTTTAGC CTGCCAGCCT ACCCTGCAGA
 90851 TTTTGGACTT GCCAGCCTCT GTAATCACAT GAGCCAATTC CTTAAAAAAG
 90901 ATCTATTTCT CCCTCTCTCT CAATCACCTT ACACACACAC ACACACACAC
 90951 ACACACACAA TTAGTTCTAT TTCTCTATAG AACTCTAATA ATATACAGCC
 91001 AAAAATTATG TAAATGTTTA TTTATATTTT CTTTATAGTAT TATTATGCTT
 91051 TCAGTTTGTG TGTGTGTGTG TGTGTGTGTG TGTGTGTGTG TGTGGTGTGT
 91101 GTGTGTGTGC ATATATATAT ATATATTTTT TTTTTTTTTT TTTTTTTTTT
 91151 TTGAGATGGA GTCTCACTCT GTCGCCCAGG CTGGAATGCA TGGGTATGAT
 91201 CTCGGCTTAA TGCAACCTCC ACCTCCCAGG CTCAAGCAAT TCTTCTGCCT
 91251 CAGCCTCCTG AGTAGCTGGG AATATAGGCA CCTGCCACTA TGCTCAGCTA
 91301 ATTTTGTAT TTTTAGTAGA GAACAGGTTT CACCATGTTG GCCAGGCTGG

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91351 TCTCAAACCTC CTGACCTCAG GTGATCCACC CACCTTGGCC TCCCAAAGTG
 91401 CTGGGATTAC AGACATGTGC CACTGACCCT GGCCAGTTTG TACATTTTTT
 91451 AGTCGGTTGA GAGTTCAATG TTTGCTATAA GGCCGATTTT TTTTTTTTTT
 91501 GAGACAGGGT CTCACCTAT CTCCAGGCT GGAGTGCAGT GGTGCAATCA
 91551 TGGCTTACTG TAGCCTCGAA TTCCTGGGAC CAAAGATCCT CTTGCCCTCAG
 91601 TCTCCCAAAG TGCTGGGATT ATAGGAGCCC AGCCTCAAGG CAGAGAGGCA
 91651 GAGATTGAT TTAATTATCT TCCATGTGGT TAACTAATTG TTCCAACACC
 91701 ATAAATTTAA TGACATATCC TTTCTTTTTT TCCTTGAAAT GACACCCTAT
 91751 TTACATGTAT CTTCTAGAT TTTTAGTCTG TTGTTTTGAT CTGCCTGTTC
 91801 CTGCTGCCAT ACCCCATTGT TTTGGTAACC TTAGTTTTAC AATGCACTTT
 91851 AATGTTAGAG AAGTCAACAC CTCAGACTGC CTTTCTGAA TCTTTTTTTA
 91901 GAAATGTTTT CCACATGAGT GAATTTGAAT AATTTTTGTT ATGTTCCCAA
 91951 AAGAAATCCC ATTCACAATT TATTGGAATT GTGTTACTGT TATAGGGGAA
 92001 TATGGAGAAA ATTTAAATCT TTACAATCCT GAATTTTCTT ATTCAGGGAC
 92051 ACAGAGTCTC TCCGTTTACT CAACCTCCTT ATTTTTCTCA ATAAATTTCT
 92101 GTCATTTTCT TCATAGGTGT TTTGCACATT TTATAGACAT TTTATATTTT
 92151 TGGTTGCTTT TGGATTTTTT GTCATTATAA TTTTCTGGTT TTGTGTATGT
 92201 GTTTGTATTA ATTTATATTG TAAACAGTGC CTTACTAAAT CTCTTACAAA
 92251 TTCTAATAGT AATTTTGTGA ACTGTAGATT TTTTCCAGA AAATATGATA
 92301 ATTTTCTCCT CTCTTTTCA ATGTTTTTTG ACTATTATCT TGTATTCTTG
 92351 TCTAACTGCA GGGTCTAGAC CTCCAGGAA ACAAAGTCTT AGTACATAGT
 92401 ACGTGAGCTT CTTTGTCTTA ATTCTAAAAG TAAAAGGATT GCTCCTAAGT
 92451 GGTTCAATTA AATGATATTG GTAAATTATC ACTGAACCTT TAGAATAAGT
 92501 CCTCCTTGGT CATGGCACGT TAGTCTTTCA AAAAAAAAT AGCGCTAGGT
 92551 TTGATTTGGT ATTCTTTACT TAAGGTTTTT ATTTATTTAT TTTTGCATTA
 92601 CTTTTCATGA GCTGTAGATT TTAGTTTTTA CATTTTATTT CTCATATGGT
 92651 GGCTGATGCA CTTTGAAAAT GAGTTAAGAA ACTCAATTTT TTCAATATAC
 92701 GGAATTGTTG AATATTGTTT GCCCTCCTAA GTACTTTGAT GTTATTACCA
 92751 ACCTTGCTTT TTTGTCATTT GGTTTTTCTG ACATTCACCT TGCCAACAAA
 92801 TATTTCTTGA GTGCATATA TGTCTAAAT ACTAATTTT ACTGGTTTAT
 92851 CATTTAATCT ATATTTTTTG TATGTTTTGC TTTTTTTTAA AAAAAAAAG
 92901 CAGGTGATAT TTGTTGAGCC AATCTGAGAA TTATTTATGT TATCACAGGA
 92951 AGATTTAACC TATTTATAGT TATTATAATA TGTGTTATGA TCAGAATTGC
 93001 TTCTTGACAG TTATTTTGT TTTCTGAATT ATGCTTTCTT TTTCTTTGTT
 93051 TCCTGTATTG TACTCTATAA ACTGTTGTTA TTTTATTATC ATCTCTCAGT
 93101 GCCTCATATA TTCCCTAATC TTAATCTCC CATAGGTTAC CTTTAAAAAT
 93151 TTTGGAAGTT TTTTTTTTTT TCCTTTCTT TTAAGAGATG GGGGTCTCAC
 93201 TTTGTTGCTC AGGCTGGAGT GCAGTGGTGT GATCATGGCT CATTCCAGCC
 93251 CTGACCTCCT GACCTCAAGT GATCCTCCCA CCTCAGCCTC CCAAAGTGCT
 93301 GGCATTACAG GTGTGAGCCA CCATGCCTAG CCCTGTACCA CTTCTTAGTT
 93351 TCTATTATTA TTAGGAATTT GGAGCCAACC AATGAAAGAC TTTTGTAG
 93401 TCTTTTCTTT CTAACACATG CTGACAATTT ATTCAGCTTA TTAACCAACA
 93451 TTATAGATT TATTAGATT TATCTGTTAT TTATTTGGTT GCATGGCTTA
 93501 TCGGGGATTC TTCTATATTA TAGTTTCAGA TGTTAATTTT CTTTCTTAG
 93551 GTTAATTATA TTAATGTTAC ATTTTCAAGC GATGTTTTTG AATGAAGAAT
 93601 GCATGGGTGT TATATTGTCT TGAATACTGC ATGTCCAAGA ATACAAAGTA
 93651 TTACTTTTAT ATAGTAAAGA CGAGCTTCTT TATTATACTT CCTAAATAAA
 93701 AGTACTTTCC CTTACAACCTA TGTAGACATT GGTCCATTAT CTTCCAGTAT
 93751 TTTGTATTCC AGAATAAAAG TCTAAGGGAG GCCTGGTTTG TTTCTTTGT
 93801 TTAATAAATA AATTGTTTTG TGGTTTCTG GCTAAAATGC TAGAACCACT
 93851 TGTCCTTTGT CTTCAATATC CAAATGTTTA TTTGGGTAAG TGAGTATCG
 93901 ATTTCTTACC ATTTTCTCTT CTGGAACATG ATGAATGCTT TTAATCTATG
 93951 CTTCACTCTT TAGGAACATT TCCCACAACT ATGTCTTTGT CTTGATTATT
 94001 TGTTCTAGCC TTGCTTCTG AAATGTCTG TGTGTAGTGG AAACCTCTATT
 94051 GCCTGCCCTG CACATCTGCT CCTTTCTTC TCTGCACTCT GGGACAGCTT
 94101 CTAAGGTTG TCCAACATG CATTGACTGA GTTTGTATC ATTTCACTTC
 94151 TGCTCTTAC TGTTCTCTAT GTGGATGCTA ATTATGCAA TGCAATTTCC
 94201 ACCTCTTGCA CTCCTTTTTT TAAGTCACCT CACTTCTCAT TTCTCATGT
 94251 TTTTCTTTA TCCTCTTCTC TCGAGCCTTT GATTCACCTT CTTGTTTCTT
 94301 CATCTGTTCC TCTTCTCTAG AGATTCCTCC TGTCTCCCT GAACCAACGG
 94351 TTTATTATTA TTATTATTAT TATTATTATT ATTATTATTA TTATTATCAT
 94401 TGAGACGGAG TCTTGCTCTT TAGCTCAGGC TGAACGCAG TGGCTCGATC
 94451 TCGGCTCATT GCAAGCTCCG CTTCCCGGAT TCACGCCATT CTCTGCCTC

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94501 AGCCTCTCGG TAGCTGGGAC TACAGGCGCC CACCACTACG CCTGGCTAAT
 94551 TTTTGTGTAT TTTTAGTAGA GACGGGGTTT CACCGTGTTA GCCAGGATGG
 94601 TCTCGATCTC CTGACCTCGT GATCCACCGG CCTTGGCCTC CCAAAGTTCT
 94651 GGGATTACAG GCATGAGCCA CCGCGCCCGG CCCCAGACAGT TTATTTAATT
 94701 CTCTTGAGGT GCCGAAGTTC TCTTACGTTT TCTTCTGAAT TCTAAAGTAG
 94751 ATCATTCTCA GAGAGGACCC TTCAGGATAA TGTTCTGTTT GTCGCAATGT
 94801 ACAGATTCTA CTCCCACCTC TATCCCCACT CCTTGTACC AGGCCTCATG
 94851 TTGGGTTTAA ATCTCGTGTA CTTACCACTG AAAAAGAAGT GATCCATTCC
 94901 CAGTCACTGC TGACCAATAG TCAGGATGTT TAGAAGCTTT TGTCTTGCC
 94951 GTCTGTCCAT GTGGATGGCT GAAGACAGGT TTAATAGCAT CCAATTCCAT
 95001 AGAATTGGAA TTGGAAGAAT TCTATAGGAA GAATCCACTT CATGCAGTTC
 95051 CTCTTCCAGC CCCACTGGCT GCTGCTCTGC CCTGCTGAAC ACATGGATGG
 95101 GCACAGGACA CACTGCAGTT CATAGTGAT ACTGCTGCTG GGGTCTCTGC
 95151 TCTTACCCAC TGTGTCGGTG TGAATTTTCAT GTATTCTGCTG TTGTCTTAGT
 95201 GGTAACCATT CTCTCTGTG ACCAAAGAAT ACAATTCAAC GTTCTCTCTC
 95251 ATATAGCAAT TAATAATATG CATATTTGTA AAAAGAAACA ATTCTGCCCT
 95301 ATTGGAACAT ATATGATGTG AATATAAGTA TACCAAGATA TTCCATGCTT
 95351 ATAGTTTGGG GTTAGGCGTC ATCAAAGCAA AATGCCTGTT ACAGAAGAGG
 95401 ATTAGCAAAG GCGCAGCTCT CTGGAGGAGG TCTGTGAGAT ACTAGAAAAT
 95451 CTTATCCAGG CCGGGCACAG TGGCTCATGC CTGTAATCCC AGCACATTGG
 95501 GAGGCTGAGG CGGGCTGATC ATTTGAGGTC AGGAGTTCAC GACCAGCCTG
 95551 GCCAACATGG GGAACCCCCA TCTCTACTAA AAGTAATATA AAAATTAGCC
 95601 AGGCATGGTA GCTCATGCC TGTAGTCCAG CTACTCAAGA GGCTAAGGCA
 95651 TGAGAATCGC TTGAACCTGG AAAGTGGAGG TTGCAGTGAG CCAAGATCAC
 95701 GCCACTGCAC TCCAGCCTGG GCGAGAGAGA GCAAACTGT CTCAAAAAA
 95751 AAAAGGAAGA AAATCTTATC CAGTCTCTGG GCATCACCTT TCCACCCAGT
 95801 CCTACCTCCC TGTGGCAAC TAAGGCTACT GCAGCATCAT ATGCATAAGC
 95851 CATTGCTCTT CCTTCTGAGT GTACAGGTAT CTGGGTATAT ACATATGTGT
 95901 GAAGGTACAC ATTTATCTTA TTACAGAATA TACTACATAA TTTATGATGC
 95951 AGAGTGAAAA GATTATGAAA AACACATTCA AGTGCCATAA ATACTGCTTG
 96001 GGATATGTAG CAGTATAATT GAAGGACATG TACTATAAAA GTCTAATGTG
 96051 TAAAATTCTT TAAAGAATTA CCCACATTAT TCTATGTCAA ATCTCTTGTT
 96101 AAAAAACAAA CTGGAAAAAT TCACTGGACA GTAGCTGATT TTCAACTCCA
 96151 AATCTCCAAT CTATTTGAGA TCCAAGCCCT CTAAGTAAGA TCACAGATCA
 96201 TAGTTGTTTG CTCACGTGTG CATTTGGGAA TCTGCAGCAC CTATTGAGGG
 96251 TCTTGAAGAG AATCCAGTGA GCTGTGGGGA GATTTGTATG ATCAGTATCG
 96301 AGTCTGAAC TGTGTGTGGA CTACATGTGG CAGAGAGAGA GGTGGGTAGG
 96351 ACACAGGTGA GAAGCACGGT CTGCCGCCA CAGCCCCAGG GAAAGAGTGA
 96401 CGCTGTGGCG AGGCAGGGTG ATGCGTGGGC TTTGGGCTTT GGAGGAGGGA
 96451 GGAATGGCCT TGCCCAAGTG GGGCCTGCAT GCATGTCTTG TAGAATCTTC
 96501 CTCAGTGAAG GATGTAGAAG GAGGGTACTG TGGGTTACAT GAGGGGCAAT
 96551 AAGGGAGCAA GGACCTTGCA GAATGCTGAA CACTACAAAC ATGGTGGAGC
 96601 CATGAACTG GAACCTGGTCC AAAGCATTTG GCTCCACCA TGCAGCTGTG
 96651 GTTGCTCACC CGCCACTCCA TCACTCCACC TTGAATGACG CTCAGCTCTG
 96701 TCTTCACTTC TGGCCCCCTT CTGCCTGCTC CACCCACCAT GGCCATGTCA
 96751 GCTGGCTGCA TCCCTGCTGC CCTGTCTCTT TCCTCTGCCT CTCAGCCTCT
 96801 GAATACTCCT GGCTTCTGCC TCCTCCTAAC TCAGCTTGGC TTGGATCCCT
 96851 CTGGTTCCCTG GCATACCTCA TTTTGAAGCT TCCTCCAAGT CTCACTTTTA
 96901 TTGGGGCAAA CTGATTAATC ACTTGAAAAA TTAATCATTT TTTCAAGTGA
 96951 AATTTTCAAA AAGTCTGTG CAGCTGGCTC TGCTCACCTC TTAGGATGTG
 97001 TCACGGGAGA GTCTTTGGAG TTGCAGCCTT TGGGTCACGT GTGCCCTTG
 97051 CTCCAGTTAG ACGTGGTCAC AGCAAGTTGT GGGGTACAAA ATATGGCTGC
 97101 CTGGAGCTAC TTATTCAGTT GGGTCTGCGG TCAAGACAGT TTTCTTAGA
 97151 AGAGGCTGTG GGTATGGTAA GGATCGTGGT TGACAGGATT GGTATGATGT
 97201 TGCTGGCTAC TGGGGAGGAG AAGAGGGAAC AGCGCAAATC CAGAAGCCTG
 97251 GTTCTTTGTC CTTAAGGTCT GGCTGGAAAG AAGAAGAGCA CATGCAACTC
 97301 CATCGCTGAA TGATCCTGAG TATCTCAGGG TGCTGATCAT GTCCTAACCA
 97351 GGGACCCAGG CCCATGGCAG ACCACTTGTG CCACAGAGAG ATGCCAGCTT
 97401 AGGTTGAGGG ACCCAGAGGA GCCTGGCCCA CAGCTGGTCT GGCTGTGCTT
 97451 GGGGTGCCCT TGAAGGCATG GCCTGTGGCC TTGATGGAAC TCAGAGGGGA
 97501 TACATCTCAT CTCAGGCCCA GAAACTGAGC TCGCAAAAAC TCCTTGAGCT
 97551 GGAGGTGAGA GATGACCAAG CAAGAGAAAC ATCAGTTGCT ACAAATCAC
 97601 TGTAAGAATG GCTTCTGAAA CAGGGGCCAG CCCGAGAGCT ATACAGAAAC

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97651 CCTTTTTGAG CGAGAGCTGG CTTTCATGTC CCCATCTCAC AGATGGGTTT
 97701 TGACGTCAGA GGAGAGAACC AGCGGAAACC TTATCGAGTG GGACACGGCT
 97751 GTGGCTCTAG CTTTGCCTCT AGATCCATTT TGCTGACTCA CCGGTAGAGG
 97801 CAGAGGACAG GATCGCAAAG CTCCTGTCTT CCAGAAAGGA CTCCCTGGGG
 97851 CTCCATGAAG AGAGCGCTCT CAGTAACATT TACACTACAT TTTGTTCCCTG
 97901 TTTGCCTTTA AAATGTTTTG TTTTCCCCCA GTTCTCTTGG AGTGGGAGAT
 97951 AAAATCTGGG TAGGGAGCTA AGTTTGTGGT TTCTCCTTCT GCTGGAAAAA
 98001 TTGATCTTCC TGAAAGCTTG CATGGTCTGT TCTCAGGGAA GGCTGGGAAC
 98051 ATTGTTGGGT AGGTCCAGTA GCAAACCTCA GACTCATAAA TGAATCGTGG
 98101 AGAGCTGACA GGAAGGTACC ACCTGGACAA CATGAGCTTT AGCCCAACCT
 98151 GGGAATATCC ATGCACAGTC CTTGGGGTTT GAAAGGTAAT TTTTATATA
 98201 GAAATAAGCA GGAGCTCATT TAACTTACCA CATGGTCTTT TGGGGGTCAG
 98251 TGGATTTGTT AATATATGAT GCCAACAGG TGTTTTGCCC AGAACCCTG
 98301 TGTAGAGGGT GTTGCTGTGG GCTGTTGTCT ATTGTTTCAC AGCATTGAGG
 98351 GTAAGGCAAC GAGGTTCCAT TGTCTGGCCA TGCCACTTAA CTCTGTGACC
 98401 TTAGACAAAT TAGTTAATCA CACTATGCCT CAGTTCTTTC AACTGTAAAA
 98451 TGGGGATAAT GCTGGTGCCT TCCTCATAGG GTTATTCTGA GGATTAAAGG
 98501 ATATAACGTA CTAAATACCT TGGCACAGGG CCTAGCATACT AGTGGGCACT
 98551 AAATCATTGG TTATGATTAT GAAGTATGAG TGAGTGGACC AGATCTTTTG
 98601 CCTACACTCC ATATCGGAAA CCAGATGTTT GTCCCTAGAG CTCTGTGGTC
 98651 AGTGAACACG TGCATGACTT CTGAGGTTCC TGCCAAGGTT CAGAGCAAGC
 98701 ATTTCAGGGT CAAGGCTCTG GGTCACTGGG CACTGCCCAG GGCAGCAGGA
 98751 GAGACAGAGC TGTACACTG CCTGCCCAGC TTCATGGCTG TCTTTGTATC
 98801 TGTTCTCCTT TCCTGGTTGC TTACATATGT TATCGTGTTA GGCCCATAT
 98851 CCATAATGAA ACATTCAGAG TGTTTAGCAA CCCAGAAGCT ATTGCAGTCC
 98901 TTCGCTGAAG GACTCTGTTG TTATGAAATG AATCATTTCC AGGAGAAAAC
 98951 AAGTGAAAGC TCCAACAGCC ATACTCCTGG GCTGAGAGCA ATAACCATTT
 99001 AAATAGCGAG AGTGAACACT CATTGGTCTC AACCCTTAA AAGGTTTTCT
 99051 TGGGATAAAT TGTTGCTTGC TGAGTGATTG GCTTCTCTGT GAGGGTATTC
 99101 TGGGTGCTGG CTGAAATGAG CAAGGAGGAG GCAGGCCCTG GACCACAAAG
 99151 GCTCCTCTCT GATAAAGAAT CAGAAGAGGA AATTAGAAAA GCAAAAATCT
 99201 GGACAGGCCA TGA AAAAGAG GAGACGGAGA AGGTTGGCCA GGTCTTTGCT
 99251 GTGTTGTAAG AAAGAGGAGG TTTCTGTCTC TTGAGAATCC AGAGCCCAGA
 99301 GGAGATGAGG TGTGGGGGTT GCAGCTCTGT AGCCAGGGCA AAAGTGCAGG
 99351 AGAAGGGCTC ACCCAGTGTA GCAGGGCAGC TCTGCTGTGG TCTGAAGGAG
 99401 GCTTAAACAC AGGGATGGGA AAGTGATGGG GTGGCTGGAA TAGGCCTGCA
 99451 TTTTGAAAAT CAAAACCTAGA TTTATTTTCT TTCATTTGTT GTACTGCTGT
 99501 GGTTACTCAG AAACCAGCAA CTATGTCAGG TTCCTGGTTT ACAGAGTAAA
 99551 CCAATAGCAA GTCCTTTAAT GTGCTTCTAG AGGTATGCTT TCCTTCCTTG
 99601 AGAAACAAGG AAGGATTACA AGATTAACAC TTACCTTATA TATGAGTAAG
 99651 ATGATTAACA AGATCAGCAC TTACCTTATA TAAGAGTAAG ATGAAAGGCC
 99701 CAACAAGACA GACTCTAAGG AGCATGTAAA ATATCAAGCC TTGCTTAAAC
 99751 AGGATCTGGG CAAATACAT CCTAGCAGTT TGCATTAAAC AGATTATACT
 99801 GTTAATGCTA TTTTAAAGCT ATTTGCTTCT CACTCATGTG GTTTCAGGAC
 99851 TTCCACAGAT ACTAAAATCC TCAGATGCTC AAGTCCCTTC TACAAAGTGG
 99901 TGTCGTTTTT GCATATAACC TACACACGTT CTTCCATACA CTTTAAATGA
 99951 TCTCTGGATT ACTTAGTCAT GTGCTGCATA ATGATGTTTC AGTTGACAAC
 100001 AGACCGCATG TACAGTGGAA GTCCTGTACG ATTACACTGA ACCTGAAAAA
 100051 TTCCTGTCAC ATAGTGATGT CATAGCTGTC ATCACATCAC AGCATAATCC
 100101 TTATTACAGT GTTTGTGGCA ATGCTGGTGT AAACAAACCT ACTGCAAAAT
 100151 ATGCTGGGGA GTACTTAGCT TATCCATAGT TGACCCTCCC AAAGGTAGCT
 100201 CAGACCTTCA AGATAGAAAG CCAAGCATTT GACACATGAG ACCTGACCTC
 100251 AAAGGAAAGG GCTATTTTAG AATCCTTGCA ATTTAAGATG ATTCCCACCC
 100301 ATCCCCATGG CAGAATAATA GTTAATAACA GTTAGCTAAC ATTTACTGCA
 100351 TGCTTGCTGA GTGCCAGGCA CCAATCCTAC CTGCAATTTA ATTTTCATCA
 100401 CTTTGAGGGG GTGGTGCTAT TCTAATCCCC ATTTAACAGA TGAGGAAAGT
 100451 GAGGTGCAAA GAGACTTAGT AACATAATTA GAGGGCCAC ACTCATGCAA
 100501 CCAGGGACCA GTGTAGCTAA AAGAAAAATT CATTGCTGTT CCCTTTCATA
 100551 ATACAATTTT GCACAATGAT GACATCCGGC AAAATACCCA ATGATGCATT
 100601 TCTCAGAACA GATCCCATCA TTAAGCAATC TGTGACTGTA ATACCTCACA
 100651 CAGTGTGCTG TATAAATAGT TGTATACTG TATTTTTAAA AAATTCTACT
 100701 TTTTATGGTT ATGTTATTTT TTATTTTATT TTATTATTAT TATTTTTTTA
 100751 ATGCTTTCAG CCAGGCGCAG TGGCTCATGC CTGTAACCCC AGCACTTTAG

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100801 GAGGCCGAGG AGGGCGGATC ATGAGGTCAG GATATTGAGA CCATCCTGGC
100851 CAACATAGCG AAACCCCATC TCTACTAAAA ATACAAAAAT TAGCCGGGCA
100901 TGGTGTCTGGG CGCCTGTAAT CCCAGCTACT TGGGAGGCTG AGGCAGGAGA
100951 GTCTCTTGAA CCCAGGAGGT GGAGGTTGCA GTGAGCTGAG ATCATGCCAC
101001 TGCACTCCAG CCTGGCGACA GAGCGAGACT CAGTATCAAA AAAAAAAAAA
101051 AAAAATGCTT TCAAGTCTCC GTTGTTTGAA TCTGTAGATG TGGAACCCGC
101101 AGATCCAGAG GGCCGACTGT ACGTAGTTAC TTCAAAAAA GAGCAGTAGA
101151 CTCTGGAAT GGCGAAGGTA GTTCTGAGC TAGTTCCAAA GCATCTTTCT
101201 GATCCGCTG CAGAAAGGAC CCAAGGGGCT CAAACACTTT CAGCCTGCTT
101251 GGGGAGATTA TCAAGAGCTG GTACAGCATG CTGCATTGTT CTGTTTCAAT
101301 TTATTTAAAA AATTAAACTA AACTAATATT TATATTGCCT GCTTTTTATT
101351 TTATTTTATT TATTTTATTT TTTGAGACAG AGTCTCACTG TCACCCAGGC
101401 TGAAGGGCAG TGGCGTGATC TCGGCTCACT GCAATCTCTG CCTCCTGGGT
101451 TCAAGCGATT CTCTGCCTT AGCCTCCCAA GCAGCTGGGA TTACAGGCAT
101501 GTGCCACCAT GCCCAGCGAA TTTTGTAGT TTTAGTAGAG ATGGGGTTTT
101551 GCCATGTGG CAGGCTGGT CTGGAATCC TGACCTCAGG TAATCCACCT
101601 TGGCCTCCCA AAGTGGTAGG ATTACAGGCC TGAGCCACCG CGCCTGGCCT
101651 ATTGCCTGCT TTTTAAAGGC CCAGTCTAAT TTATTTTCAGG TGAATTCTTT
101701 CAGAAATACG TGCTGTTTGT TAATTCATTC AGCCAGCCAG TCATTCTCTC
101751 AACAAATATT TATCCAACAA ATATTTATTG AATGACCTCA CTTTGGCCAG
101801 GCACTGATCT GAGCACTGAG AGCCAAGATG GATGCTTAGA CAACTTTGTT
101851 TTCAACCTAA TTCTCACTTT TGTTTGTGCC CTGCCTTAAC CCTCAAATTC
101901 ATGAAATACT TTGTGTACA TCTGCTCTCA TAACAATGCT GGGCAAATTA
101951 TTCCCCCGTT ACAGAGGTGA GCAAATGGAG CTTAAGACTG TGTAGCGGTT
102001 ATATGAACCA TATGAATAAG TGGAAAAACC CAGAATTTTT ATTCTGCTCTG
102051 CTGTCTTGT CTACCCACTT GAGCTTCCAA TCTTCTTCT GTTTCCTCCC
102101 TGCTCATCAG ACCAAATCTG TCCCCTTTCT CATTCTCTC GAGTGGAGCT
102151 GTTGACTTTT CAGAGTGACA AGTTGATAGA ATCAACTCAT CTGTGTGAAT
102201 GGTGGAAG CTAATAATGG CTTAATATTA TCCTGCTGTG CATTGCTGCTG
102251 TATCTGGCA CAAGTCTCTC AGCTTGTC ACAAATCCCC TGCCTTTGGC
102301 TCCAACGGAT CCTGTGTTAG CTAGAGTTAG GGAACACAT GGACTAAAC
102351 TTCCTAACGA GGTAAGAGCA TATTTCTGCC ATGTCACAAA TCCCTGGACA
102401 ATCAAATGAA TTGACAGTCG TTATTTTTTT ACAAACAAT TACCAGCATT
102451 TTCTGTAAGA GGTGGGTTG GGTGACAGCT CTGATGATTT TCCATTCAAT
102501 GAAGACTTCC TGAAGTGAA GGTCTTCCC CAGCTCCAAA AGAGACTCCC
102551 ACCTTGCCAG CATTGGCAGG CAGCCTACTT GCCACTGTC TGGGATTCTA
102601 TAGTTGTCTT TCCTTAAATA AACCTACTTG AAGAATATAT TCAGAAGCAA
102651 GTAGGATGGG TATTTTGTAT GGGGATTGAG AAGAAGTGTA GTTGATTGGA
102701 TTTTATCTTG CAACTGATTT GTTCTGCCA GATGTTGATA TGTAACCCCTG
102751 ATGCTGTGAT TCCAGGCTC AGGAGCAGTA ACGTTATAAA CAACCTCCG
102801 TTGCTTCATC TGCTAGTAGG AACCTTAATT TATCACGTAG GTGATAGAGT
102851 TGCAGTTTCT CATCCACTTG TGAAAAAATT GGGCAGCTGT AGGGAATGCA
102901 TCCCTTCTTT TAAAGAAATC ATTCTAAGGA ATAAGACAGA GAATTTATTC
102951 CAAAATATCT TCATCCAGT GGAATAAAAA ATCCTGTCTA ATGGCTCAGA
103001 ATATCTCTG GGCTTTGATT AAGAAGGACT TGTAAGGATG GGCTTTTCTT
103051 CTCTTACTGT TTGTCTCTG GGCTAATCAG ACTTTAGGAA GAGAATCTTG
103101 TCTTCGGCAC CTACTGGGC AGGCACCTTC TGGGACACAG ACATCTGCCT
103151 GTGAAACCTG CTGTGCCAC AGATGTGCTT TGAGGGTGCT CATTATTCA
103201 GTGACTTGCT GATGACTGGA GAATGGAGAA GGACAGGAAC CTCCTCTGTT
103251 CTTTAACTC AGACACAATG CCTGTTCTGC TATGTTTAAA AATAATACCT
103301 TTTATAGTTT TTTTCTGGTT ATAAAAACAA AACTGTCTCT TTTTAGAAAA
103351 AATTGAATAT ATAAATAGAG AGAGAGAGGA AGGCAAAAAAT TACTTGTAAT
103401 ACCACCACCT AGAAATAGTC TTTGTTATTA TTCTGATTTA TATCCAGCCT
103451 ATTCTCTGTT AATGCATTTA TGTGTTTGT ACAAATTGAA ATCTTCTGT
103501 ACAATCTATT CTATGACCTG AGGTTTTTCA CTTAGCACTA TATTTTTTCT
103551 TTATTGTTAC TTAATAAATA TATCTGCAT CTCTGCATAA AGACAACATC
103601 TGAAGTGTGA AAATACAACA ATGACCACTC TCTTACAGGA GTCTGACCC
103651 TACTCGAGTT CATATTCACA GGGGGAGAGC AGGCATTAAA CAAATAATTG
103701 TACCAGTAAT TATTTGATTG CAATTGTGAT AAGAGCTATG AAGGAAAAGA
103751 ACAGAGGGCT GTGGGCACCT GACTAGTCTG GGGAAATCAA GAAGGCTTCC
103801 CTGAGGAAGT GGCATGAAG CCAAGAGCTG GTAGCTGAGT AAAAGTTATC
103851 TAGAAAAAGA GAGCCCAGGA TAGGAGTGGG AGGAAGACGA GAGCTCTGGG
103901 AGCTGAGAAG AGCCAGCATG GGTAGGGAG TGAGGGGATA CATGGGACAA

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103951 GGTAATGCAG TAGAGGTAGG CAGTGACTAG GTCGCTCAGA GTCCCAGTGA
104001 AGAATGTTGA GTTGATCCTA AAAGCAGTGG TAAGCATCAA TAGGTTGTAA
104051 TCAGGGTTGT GACTTGATGA GGTATATAGC TTTAAAGGAT TATTCTGTTG
104101 TAAAAAATGG GGATTATGGA GGCTGAGTTA GGAACTACT ATAATAACCT
104151 AGAAGAGCAA CACTTGTGGT TTGGAATAGT ACAATGGTAG GCATAGGAGA
104201 AATAGATGGA TTCTACCTAT TTTCCCTAT GTTTGAGGAG CGTTTTGATC
104251 AGATATGGTG ACTTACTGGA TATGGAAAGT GAAAAAGGAG CTTCAGGGAT
104301 ACTTCCTAGA TTCCTGCCTT TTTACCTGG ACAGAGGCAC TAAACACTAA
104351 TACAGGGAGT TTCGGGGGGA GGACCAGGTC TTTTGGGGGT AAATGATTGA
104401 TACGTTTGG CTGTGTTCCC ACCCAAATCT CATCTTGAAT TGTAGTTCCC
104451 ATAATCCCCA CGTGTGGTAG GAGGGACCCG ATGGGAAGTA ATTGAATCAT
104501 GGGGGCAGTT TCCCCCATGA TATTCTTGTG ATAGTAAGTT CTCACGAGAT
104551 CCGATGGTTT TATAAGGGGT TCCCCCTTT GCTCGGCTCT CATTCTTCTC
104601 ATTCTCCCA CATTGTGAA GAAGGACATG TTTTCTTCCC CTTCTGCCAT
104651 GATCGTAAGT TACCTGAGGC CTCCCAGCC CTGGGAAACT ATGAGTCAAT
104701 TAAACCTCTT TCCTTTATAA TTTATCCAGT CTCTGGCAGT TCTTCATAGC
104751 AGTGTGAGAA CTGACTAATA CAATGATGGA CTCTGGTTTA GACGTGTTAA
104801 GTTAGATGTG CCAATGGGAG AGGAGAGAGC ACATAGGCTG TTGGCTATGT
104851 TGGGCTGGAA TGCATCACAG GGAAGTGGGC TGAATATGGA GATTTGGGAG
104901 TCATCAGCAT GTGGATGGCA AAAGAAGCCA TAAGTGGCTA AAATTGTCTG
104951 GGGCAAGAAG GTAGAATCTG AAGAGAAGAA GGTCTACCAC AGGGCCTGGA
105001 GAGCCAGAGC CACTGACCTC TTTTCATGGGA AGGTGGATGC ATTTGAGGCT
105051 GAGTCTCCTT GTCTCTTTTA CACCAAGCCT GTCTGAATTC CCTCAAGACA
105101 ACTTCTCTCA TTTGCTTTAT GATCCCGGTG GTGTGCCGGA GCCAGTGCAC
105151 ACTGGCTTAT GCGAGCTTAT TGTTAAATTT GCAGGAATTT TGTGAGCCGC
105201 TTGTTTGATA CTGGCCATGT TAGGAGCAAT CACACATGGA AATTGTCAAA
105251 TTCTACTAAT CAAGGTTTTA AATTTATTTT TCCCTCTTCC TGGAGTGCTG
105301 GTTGTTTAAC ATTTACCAGC ATATCTCCGT TTCTAACCAA CTCATCTTGT
105351 CTTCTAGTGC AACTTTGTGG GTTCTTTCCC TTGGAATCTG GGAGTAAGCA
105401 TGATCTGTGA TCATTTCTAT ATCTCTCTGG AAAGTCTCTA ATTTTGTCTG
105451 AAATTACCAG CCCTTTCTGC TAATGAGCGA GTAAGCAAAT GACTTTACAT
105501 TGATACAGTG AACCTCCTCA GTCTCTGTAT AAGTTTTCTA TTGCTGCTGT
105551 AACACATTAC CACAAACATA GCAACTTAAC ACAAATTTAT TGTCTTAAAG
105601 TTTCTGTAGA TTAGGAGTCC TCATGAGGGC TTAATGAGGT TCTCTGCTTA
105651 GGGACTTACA AAGTTAAAT CAATCGAAAG AATTCAGTGC TGTGTGAGAG
105701 TAGAAGCTGAG ATCCTTGCTG TATTAGGCTA CTCTCACAGT GCTATAAAGA
105751 AATACTGAG ACTGAGTAAT TTATAAAGAA AAGAGGTTA ATTGGCTCAT
105801 GGTTCTGCAG GCTCTACAGG AAGCATAGTG GCTTCTGCTT CTGAGGAGAA
105851 GGAACTTGC AGTCATGGCA GAAGGCATAG GAAAAGCAGG CACGTCTCAC
105901 ATGGCCAGAG TGGGAGGAAG AGAGGGAGGG AGAAGGTGCT ACACGCTTTT
105951 AAAACAATG GACCTCATGA TAACCTACTC ATTTACATG AACAGCACTG
106001 GGGAGTTGGT GCTAACCCAT TCATGAGAAC TCTGCCCCCA TGATCCAATT
106051 GCCTCCACC AGGCCCCACC TCCAACACTG GGGATTGCAA TTCCACAGGA
106101 GATTTCTGGT GGACGCAGAT CCAAACCATA TCACCTGCTT TCTTTGCCGA
106151 CTATTAGCTA GGGGATGCTC TCTGCTCCTA AAAGTCACCT GCATTCTTCC
106201 CTTCCCGTGT GGCTCTCCAT CTTCAAATTG GCAGTGGCAT GTTAGATCCT
106251 TGTCAGGATT TGATTCCCTT TGACTTCTCC TCTGCCACCA GCCAGACAAA
106301 GCTCTCTGCT TGAAGGGCTT GTGTCAATTCT ATCAGTCTTA CCTGGATAAC
106351 CTTTCTGTCT TTGCATCACC CGTGCTGTG TTAGTCTCCT AGGGCTGCTG
106401 TAACAAAGTA CCACAAAATG GGTGGCTTAA AGCATGGGA ATGACTTATT
106451 CTCTCACAGT TCTGAGGCT AGTGGTCTAA AATCAAAGTG TCCTCAGGGC
106501 TGTGCTCCCT CCAAAGCCCT TCTTAAAGGA AAGGAGGCCT TCCTGCCCCCT
106551 TCCAGTTCTT GGAAGCCCCA GGTGTCCCTT GCCTTATGGC AGCATCATTC
106601 CCATCTCTGC CTCTGTCTTC ACATGGTCTC TTCCCTGTGT GTCTGCGTTC
106651 TCCTCTCTGT GGTGTCTGTG TCCAAACTTA TCACTTCTTA TAAGGACAGT
106701 AATCATGTTG GATTAGGGCC CACACCAATG GCCTCATCTT TACTTGATTA
106751 TATCTGCAAA GACCTTATTT CCAAATAAAG TCCTATTAC AGGCACTGGA
106801 AGTTAGGACT TCAACATACC TTTTGAAGG ACCCAATTCA ACCCATAACA
106851 GTGCCATGTA ACAAATAGA ACATAATCAC ATGAATGGTA CTTATCATTA
106901 TTCATTGGTC CCAGGGGTTA CGGCATGGAA TATTGGGTGG TGAGGAGGCA
106951 TTTTGAAGT TCTGCCTACC ATAGTCTTCA AAGGTGCCCT TTAATAAATT
107001 GTCTCATCTG CTGACTTACC TAAAAATAGA TCCCATGTCA TCCATGGTGC
107051 CTCCTTGAAT GACCTCAGTT TATACCTGTT CCTCCTTCTT CCAGTTTGA

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107101 GTATTGTCTG CCTAACAAAC AGGACTTTCT CATGGACTGC ACTGTTCTCC
107151 TTCCAGAGGG ACAGACTCCT AGAAACTCAG TGCCTGAGCT GATTACGATA
107201 TTTGGTACAA GACACAGTGA AAATGAAGAA CTCTTCCATC CTTCAAACAT
107251 GACCAATTTT GTGCTCCAAT CCCAGCAAA GGAAAGTTTG CTTTGTCTTT
107301 TTATTTTTTT TTTTCTTAAA ATTGTAAGGC ATATAACAAA TTGCTCTGCA
107351 TTTTCTCTCA CATGGTTTTG GTTGAAGAT GTCTTCTTTT CCCAGCCGT
107401 CTGCTGTACC TCACTCTTTA GCACACTCAG GCTCAGGCTG GAGTCATCTC
107451 TATGGCCACC TTGTGATCTG CCCTCTCTTT TCATCTTCCC CAGAAGCACA
107501 TTTCCACCCA TGAGTGATAG CCAATGTTCCA TCTGCAACTG GCTAAAATTG
107551 CACGGCACTT AGACTCTCCC TTTTATCTCC CCTTCCTCCA GATGTCAAGC
107601 AAATTCAAAA GTTAAAGCAG ATGACTTTTT TTTTTTTCAT GAAGCAAACA
107651 GGAGTCTTGT CAGTTTCTGT GCTTTACAAG AGTGTGAAA ACTGAATGGC
107701 TTCCCACTGT GTGTCCAGTT TGTCTCTTC TGGGCAATTT CCTTTGGAGA
107751 ATTTAATTGT GCTAAATTAT TATATGATCA TCTACTCTAT CCAGAAAGGT
107801 TAGAGGTAGA ATTAGTCATA GGAAATCTTT TTTGGAATA GGTTTGGCTA
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107951 AATTAACACC TTCATTATTT TGTGGGTATG TGTGTTGATT TTTGTACCCC
108001 CAAGATGACA TGACACCCCT AGAGTCAGGA GGCTGGGTCT TATTGTTGCC
108051 GAGGTAAAGT TCCAGGCATA TCTGGTCTAA CAGGACCCAT GGAAACCAAA
108101 GCTTTGTGTT GTGGGGCATT CTGTGAAGAA AGGATGATGA GGCCTTCTT
108151 CTGAGGAAGG AATTGAACCG ATACCTTAGA TCTCATTACC TTTTGTTCAA
108201 AGGCAGGTC AGGCAGGGTG ACAGGCCCAA GTTCAGAGTT CAGTAAGCAT
108251 GAGCTCCAGT CTCGAATGCTA AGGGTCGTTG GCATACAAAA CCAGGGACAA
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108351 CAGGGACACT CAAGGATCAG ATGAGTTCAC AGAAATGAAA GTGTAAAGAC
108401 TTCAGGGAAG AGGAGGATGG TGAGCCAGGC CCAGGCAATA AAAAGACTCA
108451 ACGTAAGCCT TCAACTTGAA ATGGGGCCCA GGACATGCTC TTAGAACTCC
108501 TGCTCTACTC CTGTAGCAGA GCAAATATTG ATTCAATGCT CTAAGTGTTT
108551 ATGAAGCGCC CTATACATCC CCAGCCTTTT CCTGGCCCAT GAGAGGTGAT
108601 AAAAAGGAAA TATGCGGCAT GGTTCGAGC CCGTCTGGTC TAGTGGTAAA
108651 GATGAGAGTG CTCAGAGCGG GCCATTAAAT ACATATTGGT TGATCGAATA
108701 AATGAATGTC AAGCAAAATA TGACATGGCA GGATTTAGGC TCTACCTTC
108751 CAGGATCTCA TAATAAGCT AAAATGTGTA CTGTGCGAGG TAGAGATGGG
108801 TAGAGATCAT TGCTGCCTCA AGGACTTCAA AGGGATGAGA GAGAGGCTTG
108851 GGTGGCATGG CCTTGGCAGC ATGTCAGAGG CCCCAAATCC CCAGCACAGG
108901 ATTAATCAGT TGAGCCTGTG CTCAGTCACA GAAGGAATTG AAAATCATGT
108951 AAGAGTGTGC TTTACTGAAG CAAATATGAG TTGTCACTGT TATGAACAGC
109001 ACATTTGAGC TGAAGTCAA CCTAGGAGGT TGATTCTTGG GTTTGGATTT
109051 GGGGAAGCAG TTGGTAATTC CAATTTGTGC AAGCTGATAC TAGACGCGCC
109101 ACCCTCAGAG CCCGGATCAC AGATTCATAG ATGCTGACT TTTGCTTAGA
109151 TCCACACTCA CACACTCTGT GTGTGTGTGT GTGTGTGTGT GTGTGTGTGT
109201 GTGTGTGTGT GTGTGTATTC CCCTTGTGTT ACTTACTAGG GGAATCCTAC
109251 CACATCTCCC AGGCACTTCC AGGACCCAGT GATGTGTGTA GCCATGAGAG
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109351 ATCCCAGGAC ATTAGACAGG GATGGCGTGA AAGCTGCTTT GCAGATCTCC
109401 TGTGTGTAGT TTTTGAACA TGGTCATGAG AAGAATTGTT ATTCACTCAG
109451 TCTGCAACTG TGTGGTCGAA CTGGGCATAT ATGACTTGGA TTCATTCTGA
109501 TTGGTCACTG CTCATGCTAT ATCCGTGTGTT ACATATTTAG AAAATTACCT
109551 GCGAGTGCAA TGTGTGTGTG TGTGTGTGTG TGTGTGTAAT TTGTGTGTA
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109801 ATGAGAAGTG AAAAGTACTC TGAAAGTTG GAAAGGGCTT AAAAGGCATG
109851 ATCTTTTTT TTTTTTGA GACTGAGTCT CACTCTGTCA CCTAGGCTGG
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109951 GGTGATTCTC CCGCCTCAGC CTCCCGAATA GCTGAGATTG CAGGTGTGTG
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110051 TGTTAGCCAG GCTGATCTCG AACTCCAGC CTCTCGTGAT CTGCCTGCCT
110101 CAGCCTCCCA AAGTGCTGGG ATTACAGGTG TGAGACATCA TGCCTGGCTG
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110251 GTGTTGCAAT TCTTAGTAAG CAAGACCATG AATAATGAGT CTTGGGGAGA
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110351 GGATTAGCCC CAACAGCAGC TCTGGAAGCT CTAAGGAGAA GAGCTTGGAG
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110551 CCTCAGTGCC ACCAGTGTGT AGGCTGGGTG CCATGCATGG AGACAGACCC
110601 CGCAAGTCAC AGACAAGCCC AGTGCACAGA GCTGGGCCTT CAGAAAACCTT
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111951 TCATGGGGCA TCTGCGAGGG TATTGTGGCC AGAGATACCA CGTCAGGGAA
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112051 GAATGCAGAT CTTTGCCCTAC AACACAGGTC CCAGGGCTCC CTGATTCTTT
112101 TGGTGGGAGG GCCATGTGGC CAGGTTTAGT GGAGAGGCTA AGTCAACTGT
112151 GGTTTTTTTG TCTTAAATCT TAGATGTCTG CACACCTGCC CTCTGAAGGG
112201 GGTTAGCATG AGAGAGAGAG AGCTGAGTGT CAGACCACGG AATTGGGCAG
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112301 ACAAGATTGC TTTCTTTGTT TGTTTGACTG TTTCCATACC TACAGAGCAT
112351 TTGCTACATC TCCCTGCTTT ATTTTACAGA GTTGATACA TTCTACTTAA
112401 AGGAATTGGG TGTAGGTGGG CTTGGATGTC AGAGCACATG CTGTGGAGTG
112451 TAGTGGCATA GTCAGAAGTG AACGATCGGA GGATGGAATC TCAGGTTATG
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112551 AACACATCTG CCCTCCTCTG CCTCTGAACA TCCTCAAACC CAGCAGGAGC
112601 CCCAAAGACC CCTAAGCTAC CCATGCTGAG GCCACTGTCC CTGCGTTTAT
112651 GCTCTTACTT ACTTCAGTGG AGGAACCCCA CTTGATGTCC TCACAGCCTA
112701 GTGTCTCCTG CTTTAAACAT AATTCTAACC ACCTTGATCA TCTGATTTC
112751 TGGCCTATGG ACATTTAGAT GCAGGAAAGG AGCTCTCAGA GACAGATTTT
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112901 TCTCGTTAGG CCCCAGGAGT GTCCCCGGAG CAGAGCATGG GCTCATCATT
112951 GCTGTTCACT GTGATGATCC TAACTTCCCC ATCAAGCTCC AGAGACTTTT
113001 CAGTTCTCTC TTTGTAGAAG GTGTGAAGT GTGTTATACC CCAGAGCAGG
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113101 AAGGCCTTAA GCTCAGTTAT TTGGATTATC GCTCATCCCC TTAGAGATGT
113151 CCGCAAATGA ACCAATTTTA GAGAATGATT TGTGGCACTT ACTTCTTCCA
113201 CTGTTAGAAC AGCTGCCTCC TGGGTGTGCC TGCCACATCG TGGGATCCTT
113251 GCTCCTTTCT CCAGCAATCA CAGTGAGTGG CCTGGAGATG AGTTGCAGAG
113301 TTTCTCTGAG CTCAGAGTTA CCCACTTATC CACCCAGCCC TTCCCCGCAG
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113451 GCATGTGTGT GGTACCTTCT CACAAATGTT TCTGGCTGCT CGTTTCCCCG
113501 GATGGATTCC TGTCAGGATG CTATGGGACA AGACATGAGA CATCCCATCC
113551 GCTTTGTTGA TTCAACATGG ATATGTTTGC TTTTCTGCCT CAGAATGGAG
113601 ACAGTTGTTT ACAGCCTCAC CAGTCAAAAT ATTTACTAAA CGTAACCTAC
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113901 ATTTTCTCAC ATACAGTTTA GCCCCATGGA ATTCAGACTA AGTTGATCAA
113951 AACCTATGAT AGGAATCCCA GAAGGTCAAA AGATGCAGTT GTTGAACATT
114001 TTATCTTCAA AAATTACTGC CTCTCAGTGT ATTCTGTGGT GGCAGGATAT
114051 CCAAAAATGC CTGAAAATGT GCTTTCAGCG CAGGACTCCG TTTGTGTTAA
114101 TGTCTGCTGG GGACATTAGT AACAACACCA GTGATTCACT GAGCTCACTC
114151 CTGTGTGATG CTAGACTTGG AAAGCTTTTA AGGAAATTAA ATTACACATT
114201 CATACAACAC AGTGTGTGTA AAAAAAAAAA AAAAGATATC ACAAGTATCA
114251 TCTTAGGCAG GATAACATAG TGTTAAGGCC CCAGTGGCAG GTAAAAGTTG
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114351 GGAAATCTCT TCCTTTTCTT TTTTCTTCTT GCTGTGGTTT ACATGTTATT
114401 AAGCACGCAG TAGGTGTGTT TAACCTCTCT GTTCCTCAGT ATCCATAACT
114451 GTAAAATGGA TAATAATACC TACCTCACAG GGCTGTCATA GGAACCAGAT
114501 ATCTTAGTAT GGCTAAAGTG CTTAAACAG TTTCTGGCAC ATAGTAAATA
114551 TGCTATTGTT TTTACACATG CTGAAGCTCT GTAATTCAGT ATTGGGATTT
114601 CTTTCTCATA ACCTTGTGTA GTCTGAAGCA GTGATTGGCT GGGGGCTGGT
114651 TTTCTGTCTA GAAGAAAATA AATATTGAAG AAAGGGGCTA GAAGGTTCAA
114701 TATCCGGCAG AAGGACGATC TGAGTTGACC CTGGACCCCT CCATTCTCCT
114751 CAATCCAAAC ATATAGAAAA TAAAATATTA CTGGGGAAAA TGTTTTATTT
114801 TCTAAATATA TGAAGTTAG TGAAGTTAG AGAAATTTCT AGGTACAAAA
114851 ATGAACAAAC CACTCTCAAA GGCAGTGACG AGTGAGCAAG CCAATGTCAT
114901 GGCACCCTGA GGTTTGAGGG GGCAGCGTCA GACCCAGCAC GGGCCACCTC
114951 AGGGCTAGTG GCAAAGGCTT TTATCTCCAT CCCAGGACAG CAAGTGTACT
115001 TTGGGCCTGC ACAATACAGA AAGGATTCTA CTTAAGGCTG AGACCTGGGA
115051 GGACTGCCCT CTCTGTGAAA ATGGGGACTA AGAAAATTTT ACCTAATGGT
115101 CAAGGAATGT GGCAAGTAGC TTGTGGTCTG CCTAGACTTT GAACCACATT
115151 GAATTTACAC TACTTACAG TTACAGAAAT TCTAAACCTA GAAATAAACT
115201 TAAAGATAGG TCCAGATCA GTAAAACCA TAGAGCTCCT AGAGAAATAC
115251 ATGCAAACCC ATTATAAAGG ACAATCTCCA CACCAGAATA TACAGGATGC
115301 CGATGGGAAA AAGAAAATCT CAACCTACAA CATAAAATTG CAGATCATAA
115351 GGAACATAAT TGCCATCGGG AAGAGTTAAC CCCAGACTCA CACACTGGGG
115401 TTAGCTCCTT CAGAATCTTC ACGTAATAAA ACACAATGTA AAAGTAACCTA
115451 TTTAAAAATC TATGTTTGAA ATTATTAGAA TAATAAAAAG AAGAGAATTA
115501 TAAAGAAGGA ATTGTAGGGG AAAAACAAGC AAATTTGGAA AAGTAGAATT
115551 TCTAGAAATT AACATTATTT AAATTAATAA TACAATAAAT GATTTAAAAA
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115851 ACCTTTTCCA AAATTTTTTT AAAGATATAA ATGCCTAGAT AAAAGCAGCA
115901 CTCCAAATCA TGAACAGTAT AAATACAAAT TATGTTACAA TGATCTGCAG
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116151 TTACTGAAGA GGTTCATAA ACTCTTACTG AAAGAACTAA AGGTATATAT
116201 ACTTTAGGAG GAAGGCAATT GACCCAGAA GAAAATAATG TAATACAATA
116251 ATTGCTAGTG AGAAAGGGAA TAGGCAAAAA CATAGGCATA ATTATAAGTA
116301 AGTGTGACT GAAGAAAAGC ATTGATAATA AAATGACTAA TTTGGGGTCA
116351 TTTAAAATAT GAAACAAGAG ATGGTGATGA TGGTCACTAC TAAAGAATTT
116401 TATGCTTCTT GTGTTATTTG AGAAGATACT AGGCCTTAAA AACTTTTAGG
116451 CGTTAAGTCA GAATGTATAT TGAAAATTTA AGGGTAACCT GTAAAAGAAA
116501 AGAAATAGAA TATAACCTCT AACAGAAGAG TCTGGAAAAA AAGAGTTGGA

116551 TAAATAACAT TCAGACAGCT CAGTAGATTG CAGTTCAGTA GACAGCAGAG
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 116651 TAGCAATAAA AATAATATTA AATAAATACT CAAATTAAAGT TGGCAAAAAC
 116701 TGAATATATC AGTAATATGT TTTAGTGGAT TGGATTTATC TGTTAGTCAA
 116751 TAGCAATTTT CAGATTGAAT TTTTAAAATA CACGGATGTG CTATTTACAA
 116801 AGATCATGTC TAAATATAAT GGCACAAAAT TTGAAATGAA ATTAATTGAA
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 116901 TCATGCCTGT AATCCCAGCA CTTTGGGAGG CCGAGGTGGG TGGATCACGA
 116951 GGTACAGAGA TTGAGACCAT CCTGGTTAAC ATGGTGAAAC CCTGTCTCTA
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 117251 TACTGCACAG TGACAAAAGA AACAATTCAC TGGGAACACA TAATAATCAT
 117301 AAACCTATAT GCACTTAACA CAGCTCCTAA ACAGACATAA TGCAAAGCCT
 117351 AGGAACCTAT ACAATAACAT CGACAAATTT ACAATCTACA ATAATGGGAT
 117401 ATTGTGACAC ATATTTTTAT AAAATGATGT CAAGCAAACA AAAATTTATT
 117451 AAAAAACAATT TTTTTTCTT TCCAATTTTT ATTTTAGGTT CAGAGGTACA
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 117551 CAGATAATTT TGTCACCCAG GTAAACAGCA TAGTAAAGAT AGTTGTTTTT
 117601 CAGTCCCTAC ACTCCTTAC TCTGAAGTCC ACCCTCAAGT AGGCTCTGGT
 117651 GTCTATTGTT CCTTTCTTTG TGTCCGTGTA TACTCAATAA AAAGTGGATA
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 117751 CACACCTAAT ACACATTCTT TGCATGCACA ATACAAAAAT TAGCCACATT
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 117951 TCAGAGAATA GGTCCCTAAT GAAATCGCTG AAAGTTTAGA AGCAAGCAAT
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 118051 TGGAGGAAAA GTTATAGCCT TCAGTATAAT TTTAGAAAAT TAGAGCCAGT
 118101 AGTTCATCTC AAACCTTTAA AATAATAAAG AAAAGAGCGT GCCTTAATAG
 118151 AAAATAAAGA AGCAATAGTG AGGATCAAGA AAATCAAAAT CTGGCCCCCT
 118201 GGAAAAAATA AAAAACTTT TAAAATTGTC AAACCTGAC AAGACTGGCA
 118251 GTAACGCTT ATGTGCCAGA GACTGTTCTA TGTGAATTAT GTTTTAATTC
 118301 ACTCAAAGGT CAAAATGACC TAAGAAGTAG ATCAGTTTGT TATTAATTTC
 118351 ACCACACAGC TACTAGTACT CTGTGACACC TGAACAAAAC ACTTCTATTG
 118401 TAGGACATTC CGGCATTTTT CATGGCAGCC TGCAGATTTA AAAAAAATAA
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 118501 AGCAGGTAAT ATTAAGTTTA TAAAGGCAAG AAACCTGATT GACAAAGAGG
 118551 AGAATGTCCT GTACTGAGAA CCTGGAATGA GATGTTTCCT GGCAGTCAAG
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 118701 GAGGCTGGCT TTCAGGGCTA GAGGTAAGCC TTTGATCTCA CTAATGTTCA
 118751 TGGGCATCTG TTCAAATGTC AGTGATAAGT GTCTCCTTGT CTTTGTGAC
 118801 CACCTAGGGA GGGCATCAGG GCCCTACAGG TAGAGCCAAG GAGCTCTCTT
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 118951 CTTTCTCCA CCAGAACTGG CATTGGTCCC TGAGCCTGGC TCTTGCATG
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 119101 CTAGCATTTT TCACTTGAAA AATGGAAGCC CCTGGGATAG ACATGTGACA
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 119201 GCAATGGAAG TCACTTGCAAT ATACTGCCAC ATGTGTAGGA TTATTACATT
 119251 ATTTAGCTGA CTGAGTTCTT CCTCGCCTCT CATGACACTT GGCCCCATCC
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 119551 TGCTCATTTA ACCCTTGCTA CCTGGCCCCCT CTCAGTACCC CTACCCTCTG
 119601 TCCAATGGGG GGTGACAAG ATGGCCTTTT GGATAGGTCC TACAGCAGGA
 119651 GCTTTGGAGT TTTCAAGCTC TGTGAATCTC TCACGGGCAG TCTCCAGATG

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119701 CCAGAGAGTA GGATTAGTTA TCTAGAGGCA GTGGGAGGGG TGAGGGGCAT
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121251 GCAACATACG TCACAGGCAC CTTCTCTTTG CTGTGTGTGA TCATCCTGAA
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121451 GTGCTCAGAG GGTCTTTCTA TGCAGTTTCA TGGTGTATGG GATTCCAGAA
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121851 CTGTGAGACC ATCACTTCAG ACCAGGAGCT GGGGTTTGGC AGGGTGAAGA
121901 GGGGGCCGTT TCTAGGTTT TGCAGTAACA CAACTGTAAA GGGTCACCAG
121951 GGTGTGTTTG GCTTTCTTAG CACAAGAGAT GAGAGTAGCT TGTGTGGGGT
122001 GATGGATTTT TCATAGGGAA ACACGTTTTT CTTCAACTTA TCTCCTCAAA
122051 TGCGCTTTCA GATGTGGTTG ATGATTAAGC TAGTTTTAAA GAAAATGAAG
122101 GACAGAACAG GAGAGGGAAC GCCTGCTGCA ATTATGTCCC TTTCTCCTGT
122151 TCCTCAGAGA AATCAATCCC CCCTCCTCTG CCGTCTCTCT TCTTTCTTTC
122201 CTCTCCCCCA ACCTGTCTCT CCCCTCCTCT CCCTCCCGCT CTTTCACTACT
122251 CTCCTTCAGT CTCTCACTGT CTCTGTGTAT CTCTCTTCCC TTGCCCTCTC
122301 TTGGTCTCTG TTTCTCCCCG CCCCTCGTAC CCTGTCTCTC TCTTTACGTC
122351 TCTCTCTGAT ACTCTCGTAG TGTGTCTGTG TGTGTACAGT TCTTGTCTCC
122401 GATCTCTCTC TCTCTCTCTC CCCCAATCCT GTCTCTGTCT CTCAGGCGCC
122451 TCTGCCCCACA CCTTGCTTAT TCTCCTCCAT GAGCCCGTGT TTTTACCGAT
122501 GGTGCGATGA AGGCCACATG TTCATGAGTG TGAGCCATTC TCACCGTGAG
122551 TGCCATTCCC CAGGAGCTG GGCCTTTGTA CTCCTGCTC CCTTGGGAAT
122601 ATGCCCATTT ACCAATGGGA AGACAGGCTC CATAGTCCCG AACTGGAGAA
122651 AATTGGGATT TGCCACTTGA AGGAGAGTTT GTTTTCTGGA AGAAGCCCAC
122701 TGTGACAAGT AATGTGTAG ATAAGTGTG ATCAGGAACA AAACATGTCT
122751 ATGTACAGTG GGTAAGATGC TCCCAGGCAC TCGAGGCAAA CCTCAGCAAC
122801 TCAGCCCTGG TCCTGTACAG TATTTGACTC TTTAGCCAGC AGCTGGGCTG

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122851 AGTTTTCCAG GGCCAGAGTG CTTGCCGAGG ACCCGAACGT TGCTGCAGCC
122901 TGAAGGAGTG CCTCTGCCT GCCCTGCCAG CCCACTTAGG ACCGCAGCTT
122951 GTTTGCAGCT GCAATGGCTC CTGCTATTTG CATATTTGCT TGGAAATGTG
123001 TGATTATAAA TCATTACCT CTCTTAAAGT GGGTTTAAAG GACCTCTGCT
123051 GAGCAGCAAG TCCTGGCCAT GCTTCCTTAG CCTAATTTGA GTTGCTGCAT
123101 GTACTGAAAT TAAATTACTT TTCACCTTCA ATGTTCCCAA ATTCAGCTGT
123151 TGCCAAACACA GGCTGGCTGT CCTCCCAATT AGCCTGAACC AGCAAGGTCT
123201 GCCTGCATGG GAAGCTGCGC CATTACCTGC CCATAAAGGG TTCCCTCCTG
123251 CTTTCTCTGT GAGCTCCAG GCAGATATTC TTCAGCATCT GCTCCCAAGA
123301 GCTGGCTGTG AATGTGAAC CTGCCTCCTT GGTGTTCAG AAGCACATGC
123351 TTAAGAGAAC AAATTTTCTT ACAGCAGCGG CTGCTGAAGT GTCCTCTTTG
123401 TGGCCATTGA AAGAACTCT TAGAATGTCT CATGAAATTA TTTTCTGGAC
123451 AGAGAAATGG CACTACCTGG GGCAGACACA TTTCATTTTT AAACCAAAAT
123501 TTATGGTTAC TGTCAGGGT AATATTAATG TTTTAAAATC CTTGACAAAG
123551 AAAAAGGAGA AGAGCTAGAA AGTTCTTTGG CTGAAGTTAC CCTTCAAACC
123601 ATGCTTGAAT TCGCTTGAT TCTGAAGTGC ATGGCACCTT TCCCTGCAGC
123651 AATAATAAGA ACTGTTACCT AATAAATACA AGGTGCTTAC ATTTAGAAAG
123701 CTCTGAGCTG TCACATTCAC GATCTCAACT AATTCTATGA CACCTATGCA
123751 AAGTAAGAAG GAAGGAATCC CCATTTTACA GAAGGGGAAT ATGAAGCCCT
123801 CACACTGACA TCGGTTGCAG AAGTGTGGCT ACATTTCAAG TGTCCTGACC
123851 CTGACCGCTG ACACCTAGGCT CTTTTCCTG TGTTATGTTG TTACTTAAGA
123901 GACGATAGAG ACCATGTTGC TGAGCAGCGT GTAGAAAGGG CTTCCACCAA
123951 GTGCAGATAC AGCAGTGGAG GTCTAGAAAG CAGGAGAAAT TCTCTTTATG
124001 TTTTGGCAAA GGCAGGATGA GAATTCTAAG ATGACCTGTT TTAAACCTTA
124051 TAGAATAGCA TATTTCTCTT TGACACATGA TGATTCTTGT AAATGTAAGA
124101 GAATAAAGCT TTTCTCTCAT GTGGGCTAGT AGATATCTTC TATTCTTCCT
124151 TCCTCCTGGG CTAAGTGAAGA AAACCGAGAT TTCTTAAATC TTGGTTTAAAG
124201 AAAACCGAGT GAAGAAAAAC TCTATTTCTT AAAAAGTTT ATTTTTATAA
124251 GTAGCCTCTC CCAGTGTGAT CGTCAAAGTT CTGTGTGAGA AGCCTTTCAA
124301 TGAAATGCTG CTTAAAGCTT TTTTCTTCCT CCATTTCAAT GTTCTGCAAA
124351 GAGAGGGCTC AGAGATGATG ATGGTGCAC TTGTGCAGGG CTTCCGTTT
124401 GCTTCAGGAG TCCATGCCTG GGAGAGGAGG ACATTGCCCA ATTTGCTGTA
124451 CAGCAGAGAA GGTGCCACAC CCAGGGAGAG AGAATCTATA TGGACCTCCT
124501 ACTTAGGCAG AGGTGTATGT GGAGGAAGGT AGAAGGAAGT GAAAGGCAGC
124551 CAGGTGGCTG GAGCCAGGAT GAGGAGAGCT GGAGATTGA GGTGGGGTGA
124601 GGGAGAGAAG AGTCCAGAGA AAGACAGCAG GAGTGGACAT TCTCGTTGG
124651 AGGCCTGGCA GGCTGCAGGG AGGAGCCACA GACAGGAAAG CTTTTATAGC
124701 CAGCACCTCT GTAGTGAGA ATGCTGGGCA AGGCCTTGCC CTGGGTGAGA
124751 GCCAAGGAGG CAGCCTGGGA GCTGTATAAC AGAAGTGGCA GCAGGAAAGG
124801 ATTTTATTTT CTGCTGAGCA TGTTCTGCCC CTACCCAGAG GCCCCACCT
124851 GCCCTGGAGA CCTACTGATG TCTCCCACTA CCATGTCCCG CCTGTGCCTT
124901 ACTGAAACAC AAAGACTTAT CATGAGAAGC TCCGAAGCAC CAAAAGGAAA
124951 AGGCTGGATC ATGACCTGGC CTTGGCCTCC AGGCTAAATA ATGAGGCAAC
125001 TCTGAAGCCA GTGTCAGAGG GTAACTGTG ATGAAAGAAT AGATGATAAC
125051 TAGCCCATCC ACGGGGGACT GGAGTGCCT TAAATGGTCA GGCTTTAAAG
125101 AGGGTCCAGT CAGAGCCCCA GCCAGCTTAT CCTAGCCCTT TTATGGGGAT
125151 GGGTGTCTAG AATGGGCTTC TGCAGTCCAC ACACATGTAG GGGCATGTAC
125201 ACTTGACATC CTGAACAAG CCGGCCTTCT GTCACATGCC CTTGCTGGG
125251 CATTTGTGCT ATCTCTGAT TAGTTCATTT TCTTATTGCT ATGAAGAAAT
125301 ACCCAAGACT GGGCAATTTA CAAAGAAAAA GAGATTTAAT GGACTCTTAG
125351 TTCCACATGG CTGGGGAGGG CTCACAGTCA TGGTGGGAGG TGAAGGAGGA
125401 GCAAAGGCAC ATCTTACATG GTGGCAGGCA AGAGTTTGTG CAGGGGAACCT
125451 GCCCTTTATA AAACCATCAG ATCTCATATA AGTCTTATTC ACTATCATGA
125501 GAACAGCATG GGAACCACTT GCCCCATGA TTCAGTTACC TCCCACTGGG
125551 TCCCTCCCAC GACACATAGG ATGATGGTAG CTACAATTCA AGATGAGATT
125601 TGGGTGGGGA CACAGCCAAA CCATATCATT CTCCATAGGT GGCTTTGGTC
125651 CATGACAGCC TGCAAGTTCC TTTTCAATGC TCAGGCCTGG CTCTTTGGCC
125701 CAGGGTAGTC TGGATTATCA GCAAGGGGCC CAGGAGTCAT CATTCCCAGG
125751 AAATGCAAGC CTTCCTGTA GGCTTGCTCT GAAGTTCCCT CCTGCCAATT
125801 TGTACAGCTG AGGGATCTCA GAGCCCCTGC CCTCCCTGGG AGGCCTTGGG
125851 ATCCCCACTG TCGTGCATAC CAACACCTTC TCCTTACCTG CACACCCTGC
125901 AAGCCATGTG CTGTGGTAG ACAGCCCCTG CCACCTGCTC ACTCTACCA
125951 TAGCTGGGGC CCCTGGCGTC TGTTTCTGCT GTGGAGCTGT GAAGGCTGTG

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126001 CTGTGGGTGG CCTGGCTAGT TCTCTGGCAG GGAGAAGTGC ACCATGGGCA
126051 AGGTGAGGGG TCAGCCTCTG TAAGCCCTAC AGCATTCTCT GGAAGCAGTC
126101 CATTCTGTG AACTCTTGAG GGCCTGCAAC AACCATGGCT GAGCCCAGAC
126151 TAACCTCTGG GCAGCCCCTA CCCTTGCCAG TTATGTTTCA TGGGAGCCTG
126201 ATTATTTTAA ACAGATTCTC CTATTGTTTC AGTTGCTTGT AGTAAATGTT
126251 GCTCTGCAGC ATTGATGCTA GGGTAGTGCC AGCCAGAAAC CTGTGCAATG
126301 CTCAGATCTG GCTCTTTGGC CCAGGATAGT CTGGATTATC AGACTGGGTT
126351 TATTTTCTT GGCATTGCAG TCTGGCTTCC TGATTATCTT TCAAACACAC
126401 ACTTGCATGG CATTCCCTTC CATACTGAGC AGATTCCATC AACAGTCTTG
126451 GGATTCCACT TTTCTTTTGC AATATGGACG TTTTTCATC AGTTTGCATT
126501 AGCTGTTAGT GAAACTGGCA CTGCATCTGC AGGCAGACAT CGCCAGACCG
126551 CAGCACAGTT CATCTTCAGA TGTTCCTT TTCCATGTTG GTGGCAGCTT
126601 CCTTGCTCC TTCCCTCCTT CTCAAGATAA ATTCCCAAA GCTTGACCC
126651 AGCACTTTCT GCCTATTCTC ATGGTTTTTG TTGGGGTATG AATGCCTTAG
126701 ATGGCACAGA GAGGCATTGG AGATTACAG CCCTTTTAT TATGACTGCA
126751 CTGAGCTGC TGTCACGA GCAGACCTCT TCCTTTTGAT GACAGGTCAA
126801 TTGGTCAATT CCGGGTTGCT CTGTTGGCTT CTTATCAGA CTGTAAGCTC
126851 CATGTAGGTA GGGTCTATGT CTGACTTGT CACCCTTGTG AACCAGACA
126901 GTGGTCCAGA GCTTGGCACA TAGTGAGCAC TCAATAAACA TTTATTGAAT
126951 GTACAAATAA ATAGAATGTT CTTTCAAGCT GAGCAGCTGA CTACCTGTGA
127001 TGAGTCCCT TAAAAAAGCT TAATAGCTTT TTTTTTTTT TTTTTTTGA
127051 GACAGTCTCA CTCTGTACC CGGGCTGGAG TGCAGGGCG CAATCTTGGC
127101 TCACTGCAAC CTCTGCTTCC CAGGCTCAAG TGATTCTCCT GCCTCAGCCT
127151 CTCAAGTATC TGGAACATA GGTGTGTGCC ACCATGCCCC CTAATTTTT
127201 GTATTTTTAG TACAGATAGG TGTTTTGCCA TGTTGGCCAG GCTGGTCTCA
127251 AACTCCTGGC CTCAAGTGAT CCACCCACCT CAGCCTCCCC AAGTGCTGGG
127301 ATTACAGATG TGAACCACCG TGCCTGACCA ATGCTTGATA GCTCTGAAT
127351 GATCAGTCTC AGAAATAAAA CTTGCAATCC AGATTAACGC CAACCAAGAG
127401 TTAAACATCT CAAGGCCAGA GAGCAACATG CTCACTGCTC ATGGAGTCAC
127451 ATGTACTGAC CTCAGGACAT CCTTGGTAAA CAGCGCAGTG CACAGCCCT
127501 GGCAGGCTAG CTTGTTAGGG CTTATTAGGC CAACAGCCAC GGTCCCTTCC
127551 AGCCTGGGTT CCACTGGAAC CCAGCGGGTT ACTCGGACCG CTGCTATGTC
127601 ATGGGCTGGC CTGCCTTCTC CCACACACCG GGCCGTAAT GTGATGTGCG
127651 GCACCTGCTG TTTGGTGTG GGAGCTGCTC TTTCTTGA AGTTTTGCTG
127701 AAAGGTAGGT GAAGCCTTAG GGAGAAATCT CATTAAAAA TCAAGTTTCC
127751 ACTTCCCAGA GAAACAGAAG AACTATCATC CACTAAAGCA TTTCTTCAGG
127801 ATCATGAAGA AGGTTATTCA GCTGGGGTGG CAGCATCCGG AGCAGAGGTT
127851 TAAGGTCTAG ATGTTAGATT GCAAGGGGAC TGCCCAGAGG CCTCGTGGG
127901 GAGAATACAG TGGAAAACAT TGAGGCAGAG GAGATCCTGG CTCCCACCGC
127951 GTCCATACCA GGGCTCTGTC ACCCTCTCTC CAGGAGCTGG GCCACAAGT
128001 AGAAGCCGCT TCACGTTGAT CCAAGCCAGG TATAACCAGG ACAAGGAGTG
128051 GCTGGGGTTG AATCAGAGAA TGTCCCCTTA GGCAAAAGTT TGGTGACTTT
128101 GAAAGCCATG TGTGCTATTC CAGAGGTCTC TTATACCAC ACCTCTCACC
128151 TTCAGTGCCG CAGGATGACC ATGAAGCACT TTGGTGGTAT TTTAAGTGCC
128201 TCGGTTTCTG CGAGAACTC AAATAGTAGT AATGGCAAAT ATTTACATAT
128251 GGCTTATTCT GCACCAGGTA CAGGTCTCAT GGTGAAAGGT TAATATTATG
128301 GTCCCGATTT TGCAGATGAG GAAACGGAGG CTTACAGAGG TGAAGTAATT
128351 TGCCCAAGGG CATCAGGCCA GTTAGTGGT GAGCTGAGAT TTGAACCCAG
128401 GCAGTCTGGC TCCAGCCTGT GAGTCCCTCC CCATCTGCCT ACTGCATGCG
128451 GGGGTGGTAT GACCAGCAGG GTCAACTTCG CCTGGGGTCC ACATCTGCCT
128501 TTCTCCCTTG CATTCGGTGT TAGGTCCTGT CACAAACATT GTCCCATTTG
128551 ATCCTTATAG GGAGGGTAGA GTGTCCCGT CTTTCTAAT TTTTGGAGT
128601 TTTTATTCAA TTTATTTTGT TTAAGCAGAT AAAAGACACA TTAGCCACAC
128651 TGCTGTGCAT TTCCCAAAGA CCACAGGAAA AAAACTCAAA AACTCATGGC
128701 ATTAACATAG TATTTCATTT TCTAACAGCT TTATTGGGAT ATAATTTACA
128751 TGCCAGAAAA CTGATCCATT TTATGTACAA GTCAATGATT TTTGGTCTGT
128801 TTGCAGAATT TTCTAAAATT AGTTTGTAC TACAATCTAA TTTTAGAACA
128851 TTTTCATCAC CTGCAAAAGA AACTTGATGC CGATATCCAG GCACCCCAT
128901 GCCCACCCEA GCCCTAGGCA ACCCCTAACT CACTTTTTGT CACTGTACTC
128951 TTGCCTCCTC TGGGCATGTC TCACATGGAC TCATACACAA TGTGTCACTT
129001 TGTTTCTGAC TTCTTCCACT GGGCACAGT TTCTTGAGGT TCTTCCATGT
129051 TGTTCATGT CTTTGGTTG CTGAATCATA TTCCATCACA TGTGCCACAT
129101 TTTGTGCATC CGTTCATCGG CTGATGAACA TCTGGTTGC TTCCACTCTT

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129151 TGGCTATTGT ATTACCCTCT TTAGATGGAA AAAGAACTGC ATCCTAGAGA
129201 AGTCTTACGG CCTCGGTATA GACATCATCA GTGGAGTCTG GCTGGCCCAG
129251 GCCGGTGCCT TCTGGTTGAT TCACTCAAAA TAGGTGTCGA AACTGACACC
129301 TATTTACTCC TTTTGTGTC CCAGCACTGG GCTCAGCCCT GGGAGCCCTG
129351 CAGCAAGTAA GACGCACATG GTCCCCGCT TCATGGGATT GTCATGCAGG
129401 CAAGCAGTAA GTGAGCAAAAT CAAGGCAGGT GAGTGTTAGG TAGTGATGAG
129451 TGCTGGGAAG GAAATCAAAAT AAGATAATGT GGAGACATAT AATAAGGACT
129501 TTAGAATTTT TCTGCTTTTT AATTTTAGTT AAACCTTCTCT CAATTTCTAC
129551 CCGGCAGTAG ACATTTCTAT TTTACTTAAA GAATTATCCA AATACATTTT
129601 ACTTTACATG GAAAATGTGC AAAGATTTGA GAGGTGAGAA ATCATTTTT
129651 TCTGTATGCT TTAGGGACTG AGACACTGCT GTGGATGGGG CGGCTTCTCT
129701 CCATACTTTG TGGGGTCAGT GAAGGACTCC TCGCTTCCCT CTGCCACCCC
129751 TGCTTAACAA GGCACCCTCC TTCCATTTA GCAATCCGGG TCATCGCAGA
129801 GGCTCAATA GCCCAAGCA GAAACTGCAC TCGTGTGTGT GAGCAAATTA
129851 CCCAGTTAT CTGGCCATGT AGAAAGCTAC AGTTTTACTC TTCATGAAAA
129901 ATTAAAATCT TGTCTGATC TGATGTAAGG AAAAGGATGA GGCAACTTGG
129951 AGGAACTCAG CTATTGTTGA TCAGGCAGAT GATAAACTAC ACATTTTCTT
130001 GACTCAGGGG ATCAATGGAG AATCTTAGAG AGAAACTCAC AGAAGAAATT
130051 AAGATTAAAT TTGCAAGCCT GTAATATGGG GAATGCATTC TAACAACCTAC
130101 AGCAAAATAA GGCTCTCTCC TGAAAATGCA TTATTTATCC CCGCTGTTA
130151 CCACAGCTAC GGATGCTCCT TCCTGTGGTC TGAACCCGAG TGGGTTATGG
130201 AAGCAGTCCA GAGACAGAC ACTTGCTCAC CAATACAGTT AGAATTTTCT
130251 ATGAGCAGTC AAGATATTTT TAAACTGTTT GTGTGTATAG CCACACCATA
130301 AATCGTGAAG ATGAAGGTAG CTGAGTGAGC CTAAATCCAA ATGGGGCCAC
130351 AATGTGGGCT TTATGCAGCA TACATTTTAT TAAGAGAAAA AAAATCAGGG
130401 AATCGGTTAT GTGGCTCATT CCCACACATT TTTCATTAGT AATATCTTGG
130451 AAGAACATCA AAAGTGGTTG CTTGGTTCAA TGGGGACCTT CAGTAGAAGA
130501 ACATAATTTG CCTCCTAATG AAACCTACTC ACACAACGAT ATGTACCACA
130551 GTGAAAAATC AGGAAGAGAT ACTTGATGCT CTGGCATTAA TGATTGGCGT
130601 CTCCCTCAGA TGTCATCGCT GTCAAAGCCA CACTGGCCAG ACAATGGGAA
130651 CTTTCCAGTA ATTGAAGCAT AAAGTGACAT GAAATGTCCC CAACAAGAGG
130701 TATGCCTCAG TACCTAAGAC AGAGTTATTA ATTTAATTAT TTGGGCAAAT
130751 TTCTGTCTGA ATTCTCTGGA AAATTGGCAC TTCTCAGGAA AAGAAAAAAA
130801 AACATTTTTT GCAGAGTTTT GAAGATAAAG TTTGAAGAAG ATGCTTTCAG
130851 AAAAGTTGCC GCCCAAACCA AATAAAATTT CAGCAGGTTG TTCTCTAAGA
130901 GAAGAGAAGC AGACAAAACA TTAAAGGGTC ATTTTCCCCC CGTGTCTTCC
130951 TGAGAAGAGA ATAACCTGAG TCCATTAAGA GCGGGGTTTT GGGAAATCACA
131001 CAGCACTGTT TGATATGCAA CTCTGGTGGC CTTGGGCAAG CCACATGTGC
131051 TCTCCAGCCT CAGTTTCCCT ATTTGTAAAT TGGGAACATA GTTAAACCCT
131101 GTCTCCATAG GTTGTCTAGG AGGATTAAAT GAGTGTATG AAAATCATTG
131151 AACACAGACT AGCAGGCCA AAGTAAATGC CCAACATAAT GGTAGTCTAT
131201 TGAAAAGACC TAAAAAGAAT GGAATTTGTT AGAATAGTAG AGCAAATGAG
131251 AGAGAAAATG GCTGAACTGC TTATTGGTTA TCTGTGAGAA ATTTGACTCC
131301 TTTCTTTTAG AAATCAGAGT AGTATTTGTA TAAGCCAACT AAGCTATCTG
131351 CAGATTTGAA GAATATATTT TAAGCTTTTT CTTTTCTTTT TTTCTTTCTA
131401 GATTTTFACT CACTAATAAT TATTGAATCA TTTAAACATA TTTTAAACCA
131451 AATTTTAAAC CTAAATAGTA GGTAAACATC TTCATGTCAA TAGTATTAGT
131501 TTGCTTGCTT CTTAAGCAAA ATGCTGACAG CAGAATAAGG CTGCAGGGGC
131551 ACAAAAGTCT TCAATAAGAA AATGATTAC TGAGGACGTA CTGTGTGCCA
131601 GATGCAGCCC CCCCCCAGA TGTGAGGCA CTTGCCTAA GAGGCCAAGG
131651 TCATGGGTGT AAACTTTAGG TGGGTCAGTT AGATTCATTC TGATTGGCTT
131701 GATCCTTCTT CAGGTGAAGA AGGATCCCAT GACCACCATA TATGTATATA
131751 TAAAGATGGC TCAATGAGTG TCTCACTGAC TCGGGGTCAG TGAGGTCCAC
131801 TCTACAGAGA AAGGACAAGC TCTGACCCTT GAATAGGGGA ATTGTAGTTG
131851 GGTAAATAGG GCTCAGAAG ACATGTTGGA CATGGACAGA GATTTCTCCT
131901 CTATCCTGAG AGAATGGACA TATGTCACTG AAGGTGGAAA TTGACATCT
131951 GTGCACTTTT TTTCTGTGTG AGTTTACCAA GGAGGTAAGT GGCTAGGCTA
132001 TAAAAAATTC ACAGAACCAT TCTCCACAAC AACTTCTCTC TAACTAGCTT
132051 TCCCATCATG CATGAATATT TACACCTGCT TAAAATGCTG GGGATTGGAG
132101 GAACAAACTT TGTCTCAGT CTAAATTTT CCTGAGAGCT ATGAAAGCAT
132151 TGGTATAACA ATGTGCTGCT AAACCTGAGG CCTTGACCAG TGTTTCATGC
132201 AAGCCCATGT CAGCCATGCA TGAAAACCAA ACTGCAATGT GGTATACACA
132251 AGACAAGGCG GTCGAGGGGC CATAAGCTCG TTGCCAAGA TGTAGCACTC

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132301 ACTAGCCGCC CAGTTCCCTC ATCTTTTTGT AACTGAGCTT AATGGAATTT
 132351 GCCTCAAGCT GAATGACAGA GCCTCCAAAG GTTTGGAGAC TGATTCCATT
 132401 TGGTTTAGCT GTTCAGCAAG CCTCTTATCC GGGAGTGATG ATCTCATTTT
 132451 TGCCCGTTTT TGCCCCAGCA GCCTCTCTCT TCACACCTTT CTGCTGGCCT
 132501 CAGCACCTTT CTTTGCCTCT GCTACTTTC TTTTCTCTCG TCCTCCTCCT
 132551 TTCCTGAACT TTGCTTCTGC TGTGCACCCC TCACCCACCT TACCCTCCTG
 132601 CCACCTTCTC AGAGAGCCCC ACAAGATAAG CCTTATTCGC CCAGACTCCT
 132651 CTGGAGGGTG GACATTAAAA GCCAGTTCCA CCACTCAGAG CTCCTAGAAG
 132701 GCAGGAATC TAACACACGC GTGAGAGCAG GGTAGCAGAG GTGGCTCACG
 132751 AATGCAGATT CACTCACAGG CAAATGTGTG AAGTAGCGGG GAGGGCTGAT
 132801 TATGCAGACC ACTCCAAATT CAATCTCCCA GTTTATGTTA TCACAGGAGC
 132851 TCATGATGGA AGCACCACCC GATAATTCCG ACTTGCCTAT TACTTATTCT
 132901 TTATCTAGAG GAAATAAAGA GAAACAATTA CCTTGGTGTG ACATTCTGCC
 132951 ATCTCTACAA AGCCACCTGC ACCTGAGACT TTGCCAGCAG CAGAAATAAC
 133001 GAGTTAAGTG CTAATATTTT CATAGAGAAG AGAGTAGCAG GGCTATTGAA
 133051 AATAAATTCA AAAGACCTTC ATGTATTCTG GTCATATATC CCTGGCATAA
 133101 AACTTCTCCA GAGATAAAAT AGCTTTCTGA CAGGAGGGTT GTGGCAGGGG
 133151 AGGGGGAGGC ACGGTACAGG GAACAGGGAA GGCAGCCCTG GAAAACCCTC
 133201 CTGGCCTCCC CGTTCCCACG GTCGGACGCC GCCTTTGTGA AAGCATCTTT
 133251 GAAATGATTG AGGTTGAACT ATTACTGCAG AGCCCTTTTC AATAATGAAT
 133301 TTTAAATTAT AAATGACATT TTGGTGTGTG CCCTTCTCTC CCACCTATTG
 133351 GTAGTTAACT GGGAAAATTG ATGTGGTTTT TGTCAGGACG GAGCAAATTC
 133401 TCGGGAACAG GAGCCTGAAG CTTAGTTTTA GTTCTAACT GAGACATGTG
 133451 ACGGACGTCC AGCTCCCCTG CTTCCCATAC TTAAATGCCT GCCCGGGCCA
 133501 TGTCCTGGGG CCAGCCTGGG CTGCACACGA GGCTCACAGC CTGCTTGTGA
 133551 CACATGAGCT GAGGCATTCC TTTTATTCT CTCTCTGCTG AGGACAGCCT
 133601 TTGGGAACCT AACATTAGGA TGACTTCGGG GCCACGGAAT GACTTGGGTT
 133651 TCCCCGCGAA CACTGTGAGG CTGAGTTCCC CCATGGGTGT TGGGAGCACC
 133701 GGGAGGAAGT GGGTGCCATC AATTAÀAATT ACGGGCCTCG TTCATGAGAT
 133751 ACTTATCAGT CAAAACCTGCA AAGCAGTTGC TGTTTGTTTA CTGCGTTTAA
 133801 AGGAAGCTGC TAAGACAGAG GAGAGATAAT TTAAGAGTAA TCATTGGTGA
 133851 GCCAGTCCTT TCCACTGACC CTGGTGCTCG GAGTTTTCTC TCATTGCATC
 133901 AACCATTTTT GGCAATTAGA TGTGCTTTCC TTATTAATGC CAGGGTAGGG
 133951 AAGCAGAAAA TGAAGGCTCT TCCTCACAAAG TAGCTGCTTA ATGTTGCAGT
 134001 GCCTGCCTGT AAGTCACGAA AGCCATGGAG TTTTGCCCAT CTTTGAGCAC
 134051 AGAATGCCTT TAATGACAGC TACAGAATAG AACCATTAAAC AGAAATGAGC
 134101 AAATCCTGGC ATTTTCCACT GGCCTGTGCA TTTCTCAGTG CACTGATGGA
 134151 GCTAGGGACA CTCCTTACAG GGGGCTACAG ATGAAAATGC CCAGCCTGAA
 134201 CCTGTGTTCC GGGGGGTGCT GTGCTCTCTA GCTGGGCACT GGCATTGCA
 134251 GTTCTCAGCA AGAGCCTGGC CCTGTCTCCC GTTTGTTCAT TCTTGGGCAG
 134301 CATGCTGGA GGACATGATG AGAGAGGGTG ATGCAGGGGT CAAAACCTGG
 134351 GGCAATGGAG GATTGTGTA ATGTCCATT CCCTGGTTAT TAGGCACAC
 134401 CTGTATGCAA GAGGCCACCC CAGATGCTGC ACTCCCCATG TCTCAGCTCC
 134451 CCCTGAAGAT GAGCCTAAGG TGGAAGAGAA ATACAGCAGG CGGAGTTGAG
 134501 GTGAGATTGA GAATCTGTTT TCTTTACTGT GGGTTAGATC ATACCATCCC
 134551 TGAGCAAGA TGACATGTT TGGCTGTGTC CCCACCCAAA ATCTCATCTT
 134601 GAGTTGTAAT TCAAATTGCA ATCCCCATGT ATTGGGGGAG GGACCTCATG
 134651 GGAGGTGATT AGATTATGGG GGCAGCTCCC CCATGCTGTT CTTATGATAG
 134701 TGAGTGAGTT CGCAAGAT CTGATGGTTT TATAAGGAGC TTTTCTCCTC
 134751 TTCCTCTGC ACTCATTGTC TCTCCTGCCA CCCTGTGAAG AGGTGCCTTC
 134801 TACCATGATT GTAAGTTTCC TGAGGCTTCC CTAGCCATGG GAAACTGTGA
 134851 GTGAATTAAA CCTCTTCCCT CTGTAAATTA CCCAGTCTCA GGTATTCTT
 134901 CACAGCAGCA TGAGAACAGA CTAATACCTA AGATTTCTCT AGAGATTCTA
 134951 TCTCTGTTAT TACACCTTTC TTAGAGATTC CAAATGTGGA AGACTCCTCT
 135001 ATTCAAGCAT ATGTAGGTAA TGTGTTGACG CGGAGGCAGA GGTCTGGCCT
 135051 AATAACCTCT TGACCCCTA AGCAGTTGGG CAGCCCTCAC CACACACTGC
 135101 ATGTGTGGTG CTGCAGCGTG TGCTGATGGC TGTCAGAGTG GTTACGGGGT
 135151 CAAGCATGAC TGGTCGGTGC TGATCTCAGA CCATGGGAGG GACACACTGC
 135201 ATGCAGCTAG GAGCCACTTT GTCCAGTCAC GACCAAAGGG CCAAGCATTC
 135251 TACCCTGTCTG CTGATACTGC AGACCAGCTG GTTAGGAGTC AAAGTGCCAA
 135301 GCAGCTGACA TGCTTTGACG TGTCACCTGT ACAAACACA CCATTGAATT
 135351 TTTTTTTTCT TTTCTTTTCA AATCAGAGTC TCTCCAATAG CATCTGAAAA
 135401 CTGTAGAAAC AGAGCACTAG ATTACGAACA CATTGGACAG GCAAGGTTAT

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135451 CTTCTCTAGA GAAGAAATCA ACAGCTGCCC CTACTGGGAG GAAAAGTGTC
135501 TAAAGAAACA GGGAGGGGAA GCGGTGTCAG AACTGGAAGT AGGTGATAAA
135551 CCCTGCAGGA GTCACAATAG CCTTTGCTGA GAAAGCAAGG TCATGGGCAG
135601 GAGCTCCCCC TGCCATGGCT TGTGAGTGTG AGTCCAGGCA AGGTGAACAG
135651 TACAAGAGTC AGGGCACAGT GGGACTGGGA GTACAGGCAC CAAGGCCATT
135701 GCCCTCCAAC CCCTGCTACA CACTCAGGGA CCTTGGGAAA ATCACATCCC
135751 TGTTCAAACC CTGGTGTATT CATCTTTCAA GGCTGGGGTT AGACTTGATG
135801 ACCAAGATGT CCTTGCCATG TCAGCATTTG GATGGTCTTC TATCATTTGT
135851 CTATAAGCTG ATTCTGAAAG TTGAAGACAA ATAAATCGCA TTTACATTAG
135901 TATGACTGTG AGATGCCAAT GTTGGAGAGT CAAATCATGT CCTAGTATTT
135951 CATTTAGTTC TCTATGCATC CAGCATACCA ACTCTGAGCC ATTCAGTGAA
136001 GACTCTTTTC TGGTATCAGG CTGAAATAAA TTCTCCTTTT TTACCCTCCA
136051 TCAATTGCCT TCCACATATC CTCACATTTT CTAGGCATTC ACTAATATGA
136101 TTTCTTTTAT CATCAGTTGT GTTTTTTATG GAGTCCTTTC TTCTGGAGCC
136151 TCTTTTCTT ATTCTAATCT AGAATGTTCT TTTTGCTCGC ACTCTCCTTC
136201 CCAAGTTATC CTGAATTTCC TTTCTTGGCT TGCATTTTCT CTTTCTGGG
136251 GTACACCCTT ATGTTATTTT CTGAGAAAGT GTGCACAGGA GTTCCACTTT
136301 CTATTACTCA CATATTTGAA AATGCTTTCA TTCTGTACTT GTACTTGATT
136351 GACAGATCGG CTGGATATAG AATTCCAGGT TGAAATTTT TCTTCTAATA
136401 GTCAAGATAG TATAACTGCT ATATAACCCC CAAATATCAG TAGTATAATA
136451 CAGTTTATTG TATACTCACA GCACAGCCTG CTCATTCCCC TGATGGAGTG
136501 CAGGAGTTCT CTAGTCCACA CGGTAATTCT GAAACCAGAT TCCTTCTATA
136551 GTGTGGCCCC CAAGGTCAC TATGGAAGG ATGAGAGGGA GATTTGAAAG
136601 AACATGGAAG AGGCCCAGCA GCTCTTAACT GATCCAGCCC AGAGGTGACG
136651 TATCATTCTA CTCACACCCT GTATGTGAGA CCTAGTGGAA TGGCCCCCTC
136701 TAGAGCAAGG GGGATGAAAA GTGTAGTGT AACTGTGTAT CCAGGAGAGA
136751 AAAACCACAC CGTCATACTT TTAAAGGCAT CATCTTTAAG CAAGCAGTGT
136801 CATTGGTAAA AAGTCCAATG CTAGACTGAT CCTTATTCCT TGTGGGTGAC
136851 CCATTTAATC TATCTGGAAG CTATTAGGAT CATCCCTGTG TTAGTCCACT
136901 GAGGCTACTA TAACAAAATC GCATAGCCTG GGTAGCTGAT AAACAACAGA
136951 AATTTAAAT TTCGGTGGCT GAGAAGTCTA ACATCAAAGC ACTGGCCAAG
137001 TCAGAGTCTG GTGAGGGGCC ACTTTCTGGT TCATAGATGG CACCTTTCAG
137051 CTGTGTCCTC ACATGGCAGA AGGGGCAGAG GCCTCTCTGG GGTCTCTTTT
137101 ATGAGGGCAC CAATCCCATC CATGAGAATT CCACTCTCCT GACCTAATCA
137151 CCTCCCAAAG GCCCCACATC CTAATACCAT CACCTTGGGG GTTAAGATTT
137201 CAACATATGA GTTGAGGGG ACACAGCATT GGGACCAGAG CAATCCCTTC
137251 ATGAACCCCT TAAGGTTTAT GAGAGTAGAA GCTGATTAC TCACTTATCT
137301 CCAGTTTCTA TGCCTGGCAC AAAACAGGGC GAGGATCAGA GTGAGGCAAT
137351 TGAGGTGCGT GCCTCCAACA CAAAGACGCG GTAGTTAAAA CAAATAATAT
137401 TTTAATGCAA TATTTTACAA ATCAAAATTA ATGCAAAAAA ATCCATGATG
137451 AACAAAATAA CATTAATGTC CTTGATGTTA TAAATTTTG CAATGATGTG
137501 TCTGACTTTG TGTGCTCTTT TGTGGGTCCT TCAGCCTAAA GACATATATC
137551 CTTCTCATAA TAAAGCAAT TATAATTTT TTAAGCAACT TCCCTCTTCT
137601 CAGGTTTCTG TCTTTCTAAA AATCTTAATT GCATGTGAGA CCTCCTGTAT
137651 CAATATTTTC TGTTACTTTT CTCTTAAAGT GTCTGTCTA TATATTTTAT
137701 TCTATATTCT GGAAAATTCT CTTGGCCTTA TCATCTGATC TGAGTATTGA
137751 ACTTTTGTG TCAAGACTCA TGTTTTTATT TATTTATTTT TATTTTATTT
137801 TATTTTATTT TATTTTATTT TATTTTATTT TATTTTATTT TATTTTATTT
137851 TATTTTGTAG GCAGAGTTTC ACTCTTGTTT CCCAGGCTGG AGTGCAGTGG
137901 TGCAATCTTG GCTCACTGCA ACCTCCACCT CCTGGGTTCA AGCGATTCTC
137951 CTGCCTCAGC CTCCTGAGTA GCTGTGATTA CAGGCACGCG CCACTACTCT
138001 TGACTAAGTT TTGTATTTTT AGTAGAGACG GGGTTTCACC ATGTTGGCCA
138051 GGCTGGTCTC AAACCTCTGA CCCAGGTGA TCCGCTGCC TCAGCGTCCC
138101 AAAATGCTGC GATTACAGGC GTGAGCCACT GCGCCCAGCC TAAGACTCAT
138151 GCTTTTAATT TTCAAGCACA CTTCTTGCT TTCTGATTCC TAGAAGTGGC
138201 ATCTTGTTGA AACCGACTGA GGATACTAGT TTGCAGTGT TGGCTTTCTT
138251 TGGGAATTAT GCTTTTACTT TTAGTTTTCT TCTGTCACAT GGATTATCTC
138301 TGTTGGGTT TATTTTTAG TCAGCTGTCA TTGTTTGTTT ATCTGTTTGT
138351 TTTCAGCTCA TCTGTGGTAC TGCTCTGTGT GTTTTCTGTT GCGGGTCTGG
138401 CAATTCTTGG TTGTCCACTC CAATACGGAA GTAAGGACAG CACAAGGGTT
138451 GACTGGAAGC TCTTATTCCA GGGCAGGGCC TGTCAGCTGG CAGTTTCCAC
138501 TTTAGGATGA GCAGGCTGGG AGCTGGGTGT CACGTGAGCA GCCCCTACGC
138551 AATGCCCTTC CAGAGTATGG AAGGTGCTAA CACCCACAGG AACCACCGTG

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138601 GTTCTCTGCG GGCTGTGGAT TCCATTTCTT TAGGCAAAAA ATTCTTCTGT
138651 TTTTTTTTTT TGCATAAGAG AGTTTTCCAC ATATAGCGCT TCAATTTTTT
138701 CCCATCCTTA TCTTGACTGT GCCTCTGAGG GAGGTGTTAT TTGGAGGTGG
138751 GCTCCCTGTA CGGCGGCTGC CTCTTCTGCA TATGTTCTGG GCTGTGGGCT
138801 GTGGACTGAG GTGTCTCTG TCCTGTGCGC CAGTGAATGT TCTGGAAATG
138851 TACTTAAATC CCTTGCTCAC CAAGGGTGCC TCTCCAATA TCTTTACTGT
138901 TGTAATTTAC TCTTTTAAAG ACATTGTAAT TGAGTCTCAG CAGGCGAAAG
138951 AAATGCATGT ACCTACCCTG TCATTTTGAA CCCTCTCCTT TTGTTTTTAA
139001 AATGTTTGAA ACATCTGGCT TTCTAATATT AGTATGTGGC ATTTCCAGTT
139051 TAACATGCCC AAAGCAAAGC TGTTCATCC CCTCTGCCAG GTCCAACACT
139101 ATCTGCATCT CCTCCAGTCA TGCTGGCTGC AGGGAACAGC ACCAAAATTC
139151 ACCCACTTGC TTAAGTGGG AACTGGGTC ATCTGTCATT CATCCCTTTC
139201 CCAAAGCCAC ATCTCAATGC AGCTCTGGTT ATGAGCTCTT GGACTGTTCT
139251 CTTCTCCTTG AGCAGATCTT GCCAACAGAG TTCCTGGCTC CATTGCATCC
139301 CTGGCCAATG CAGCCCACGG TCTTCAGAAT TGGCGGCATT GGGTCTCCCA
139351 GCACACAGAG GAGAATCTAT CACCTTGATC GCCATTGCGC CTCTTCACAA
139401 TCCGGTCCCTG AGGGGTCTTT CTAACCTTAC CTCCCTCTGC TTTCTCTGCG
139451 CTCCTGCCCT CTGGCCAAGT GAGACCAGCA GTCCCTCTC AGACACATCT
139501 TCTGCTTTCA CATGTCTGTG CATTTGTTCA GCTTGAGATG CACTGACTTC
139551 TGTGCGGTCA GTGCAAAAGT AATTGTGGTT TTTGCAATTA AGAGTAATTA
139601 TACCTGCCTT TCAAATACTG CCCTTCCTTT AGGGCCTGGA TTAAATGCTA
139651 TTTCTCAAGA AAGTTTCATG ATTCTGCAC TTGTAGGGAA TCTCTCACCC
139701 CCTCCACCCT CTCAGCTCTT CCCTCGTGTG TGTTATTGTG TAACGTATAG
139751 GTCATTCTGC ATGTTGGTTG GGTAGCCGTC TGTTTCCCGC ACTGAGCTGG
139801 AAAGTCCTGG AGGTGAGCTC GGTATAGCT GGCCTGCCTG TCAGAAGTCC
139851 CTTGGCAGAG GTTGACAGC AGGAACAACT GGGGGAGTTT GCCCGGTGCT
139901 GCCACACTGA GTCTCAGGTC TGGGACCTGG ACCTTAGGCT GGGGTGTGGC
139951 TTGTGAGCA GCTGACCTGC GGCCTGAATG GTGGTGCTGC TGATACAATG
140001 CTGACATGGC TAGAGGGAGA AAAGGCAGTG GCTCCGTGGC TTGGGCTCCT
140051 CTGCCCTAGA GGGCAGGTCT AGTAATTCTC TCAGAGAAAC TTCGAGTCGG
140101 CTTTCATAAG AAAACAGAGG AAGAGATGAA GCCACAGTCA CTTCTTCCA
140151 TTCTTAACTC ACCCTAATAC TGCTGATCAC CTGTCTTGA AATGAACCAA
140201 AATACAGACA GCCACAAACC ACATCCAGCT TATCATTCCC ACCCATCCTG
140251 GACTGTGGCA CCCAGGGTCT GGTCTAGCT CAGTGGGATG GAGTCATCTG
140301 CAAACCAGGA GAGCGATGCC CTGGGGCAGG GACACCCACA GGGCACTAAG
140351 ACAAGAGCCA CAGAGCCCTT GTTGGTGCCC AGAGGTCTCTG TGCTGGGTGG
140401 GCAGGCCTCC CCCTGCCTGC CTCCCCCAGC CTCCCCCATG GTGGGAAGTA
140451 ACTATCTCTT ATTTTCATCT TCCCAGCAAG AGGAGCTACA AACAGGCTAC
140501 CAAGTAAGTC ACCTGGTGCC TGGTACACCT TCCCCTTGCT GAGAGGCTCC
140551 TGCTGTGAG AGGACAGGCA AATTGCTCCA TAAATTATGA ACCTGGAATG
140601 AATCTGCCAG GCGCCTCCTG TGTGGGGTTG AGGTTGTTCC CTAGGAGTGC
140651 CCCATTCTGA AGACAATTAC TCTAATTGCT TTTGTTATTT CAGAAAACAA
140701 ATTAAACCAC CCGAGTGTTT CAAGGTAGAA AAACGTCTGC AATGTATAAG
140751 AAACATTTTA GGAGTGTTTA GTTCACAGCC AGCAGTGTCT GAGCAAAACAG
140801 CCAGAAAGCA GTCACCAGGG AGCACAGGCT GCTCAGGAGG TTGAGGCCTT
140851 TATGAGGTGA GCCGTGTGCT CCATCGGGGT GGGGGTGCAA GCCTCTACTC
140901 CTGGCTTCTC TGAGGGAATC CCTGCCCTTC TCTCCCCCTT GCCTGCAAGA
140951 CCTATGGATT CTGTCTTCTG CCCATCCCCT CCGTCACAGC CTTGACTCAG
141001 GCCCACCCTC TGTGACCCAG ATTTCTGCAG CAGCCCTGC TGAGGTCACT
141051 GTCTTCCTCC CAGCTGCCCT CCTTTCAGTC GCAGTAGGGG CGGCCCAAGA
141101 CACAAGTAAC ACAATCAGAT CATAATTTGC CACTTCTTAA TGGCTTTGTG
141151 GCTTCCTGTA AGCTAGGAGA CAACGTATCA GACAACCCTT GGCATCAGGG
141201 AGGGGAGAGC CAGCCTCCTC CTGCAGGCC AGCCGTGGGA AACCTGGCTT
141251 CTCACACCTT CACTCTGTCA TGCCACTGAG CCTCTGTCCC AGGGAATGCA
141301 GTGGTGTA CAACACACT CACACACACA CACACACTCA
141351 CATATACTEA TTCTCACACA TGCTCATATA CACCCTCATA TACTCACACA
141401 CTCATATACT CACATACAG CATACTCCCA CACTCATACA CTCACTCTCA
141451 CACACATACA CATATAACA CACACACCCA CATACTATT CAGACATATA
141501 TACACACACA CTCTTACACT CACACATACA CATGCACACA TACATACATA
141551 TACTCATACA ATCATACTCT CACATACACT CACACATGCT CACACACTCA
141601 TACACTGTCA CATATACATT CACTCTATA CACATACACA CACATACAGT
141651 CACTCGTACT CACACACTCA TATTCTCACA CACTCTCA CACTTACACA
141701 CACACACT CACTGTACA CACACACT CACTCTGA CCTAGACTG

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141751 CTCCTCATTC CTCAGGCCAG GCGTCCTTCC CTGTGAAGCC TTCCCCAGCG
141801 TGCTGGGCTT AGGACTTATC TCAATTTTAC ACTGTCTTGC ATCCATTTGT
141851 CTCTCTGTTG CCCTTGCCAG ATTGTGAGCA GCCTGAGAGA GGCAGGGCCT
141901 TGCCCTGTTC ACTTTGTACT CCTGTCTATG GGC AAAAGGT CTATTTATTA
141951 CTCAGAGGGA ATTCAATAAA TGTGACCGG ATACATGGTA GATGGGTGGA
142001 TGGATGAACT TTGAATGAAT GAGTAACCCT GAGGATTGGT AAATGTTCTT
142051 TTTTTTTTTT TTTGAGACAG AGTCTCGCTC TTTGCGCCAG GCCGGACTGC
142101 AGTGGCGCTA TCTCGGCTCA CTGCAAGCTC CGCCTCCTGG GTTCACGCCA
142151 TTCTCCTGCC TCAGCCTCCC GAATAGCTGG GACTACAGGC GCCTGCCACC
142201 GCACCCGGCT AATTTTGTGTT ATTTTGTAGTA GAGACGGGGT TTCACCGTGT
142251 TAGCCAGAAT GGTCTCGATC TCCTGACCCC ATGATCTGCC CGCCTCGGCC
142301 TCCCAAAGTG CTGGGATTAC AGGCTTGAGC CACCGCACCT GGCCGGTAAG
142351 TGTTCCTGTG CCAAGGAATT CTTCTACCTC AACTCCACTC AAAATGAGAA
142401 CCCTGGGGAA GAGAGAGATT GATGGATTGG CTCATCAGGG ACTCTGTCCC
142451 CACCCTGCCC CCTCCTTTCC CATATGGGGA GCAGGATGTG GTGAGAACT
142501 TGCTCAAGAA GTGGGTAAAC ACTTTGATGG CAGAGGCCAT GTCCCGTTTC
142551 CTTCCACTCA CAACCAAGTG AGGGGCACAA ATTATTCCCT CCCCTGCCC
142601 CACTGCAGGA AAATGTACAA ATCCTAAGT AATCTCTCCC ATAAGCACTG
142651 GAAGCTTGTT GGCATAGGGA TTAGAGGTCT GGTCTCTACG ATAAGCTAGC
142701 CACGATGTTG AGCCTTCAAC CATCGATAAA ATCACTTGGA AATCCAGTAT
142751 CCCTGTTAGA GTTGGTTTCA GTGCCCATGT TGCATGCTGC TTTGTCAGGG
142801 TCCTCATTAA GACTTTCTTC CTCCCACCTT AGACAGCACT GACCCTCTGT
142851 TCAGGCTCAC ACAGTCGCTG TCACCCAGGC CCACCTGCAG CTGTGCTGCC
142901 ACTCACCAA GTCTGAGAGG AACTGCTCCC TTACCAGGAC AGTGAGCACT
142951 GGCCCAACCC CACTGTGCTC CTCCATGTGT GTGGGGAGTG GCCTCCCCAC
143001 CCCCTGCCCC GAGCAAGAAC TGATTCTGGG TCACCCACCC AGGACTAGAA
143051 CCCAGAGCTA GTCTGCCTCA CTCCTGAACA ACCACCGCTC CCACCATGGG
143101 CTGGGCTCAG CACCCTGCTT GGGGCTTCGT GGAATATGTG GCATGGGACC
143151 TGGCCTCAGG AAGCTTATTC TCTATTGGG GGGAAAGTAA CAAGATAATA
143201 CAAGACAGCA CAGAATCCTG TTCATATTTT TGTGGCACGG TCTTACGGAT
143251 GAGAGGAGCT CAGAGGAGAC TAATATGGGT TAAATCAGGT AGGAAAGACT
143301 TTGAGAGGCC ATAAGAACTT GAGCCTGACT TTGAAGGGTG GGTAAGAAAT
143351 AGAATGGGTG CTCCCAATGG AGGGAACACC AGGCAAAGAA AGGAGTGAGC
143401 ATGGCATGGG CAGAGGCCAG GGGAGACCAA TGTGGCAACG CCTTTCAGGG
143451 ACTAGCAAAG ATAGCAGGCC GGAAGTCCCT ATGTGCAAAAT TACCATTAT
143501 ATAAATGACT GATACCCCTT ACTGAGAACA AATGAGGAGA GAGAGAGAGT
143551 AAATACAAAG TGACTGCATG CATGAATCAA TTAATAAACG AAGGTGTCGA
143601 GCACCTGAAG GCAGGTGGA AAATAGGAAG GACCAGCAA GGTAGGTGGG
143651 GGTGGGGGAA GCCAAGCACT GACTTCTTGG GGATGTATTA TAGATGTGGT
143701 TGAGTAGAGA CTGCTCCTAT CAGGGAAGGT CACAGAAAGG TCCCCTTAA
143751 ATTACTAGTT GAGTCCGCTA TATTTTGTAT GAAATACATA CATAAAAGT
143801 ATGAAAACAG CCTTCTTTT TGCATAACCT TTGAGAATTT CCCCGATCAA
143851 ATCCTGCAGC TGGGTGAGCA ACTCCCTGGC TCGACTCTGT GTGGCCTCCA
143901 GGTCCAGGGA CCAAGTTTTC CCCAGGCTTC CTTGCAGCAG CTTTCTCCCT
143951 CCTTCTATGG TGACCTGCAC CTCTCCCTC CATGGGGGGA AGGTAGGAGT
144001 ATGAGCTCAG TGCTGGAAGC TGCTGTCTG GGAGAGTTGC TTGTGCCACA
144051 GGAGTCAAAT GAACTTTTCC CCACGAGGCC GGCCCTCTG CTGATGCTGT
144101 GTTTGTAAAA CCAGTAAAGG TTTTCTTTT GTGAAAGAGA GAGAGAGATA
144151 TCCCTTGAAC AACTGGAACC TTTTAAGCCT GGGCTATGGT TTTGTTGGG
144201 GTATTGGTG GTGTGGGGT GGGACTGTCT TTCTCATTAT TAAACCAGAA
144251 AAACCTGCAT ATGGACTCAG CAATGAAGAG TGATTTTGT CTTGGGAAAA
144301 TGTAGCAGCC TTCAAGTTAG TAACTTGGC TCTTCTGGC ACCTCCACTG
144351 CCGCACCTGG CCTGTGGAT TTGCGCTCAG ATAGAGCAAA GGCAGGGCTG
144401 GGCTACAGAT GTCTGTGCA GACGGGGAGG GGCGGCCCA AACTGCTTA
144451 GTGTAAGTGT CATCTCAGAA GCAGAGCTTC TAGGTGGAAC ATCCAAGGGC
144501 ACCTTGAGAC GTGAGACGGT TGATCCATCA CAGTTGTGAT ATGTCAGTGA
144551 GTACACACTC CAGGTTCAAG GACTGTCACC TTGGGAGGTG ATTGAGACTG
144601 AATTCAAAAC AATGAATCGA TACTGACATG GAAGAATAGT TTGGCAAGAA
144651 GGCTTGAAC TGCTCTGCAC CAAATTTGTA ATGCCAGTGA AGAAGCCAGT
144701 CCTTGGCTTC CCCAGCCTCC ACCTAAGTTT GCTGGTCTT CCTATTCTCC
144751 AGCCTGCCTT CAGGTGCTCA GCACCTTCAT TTAGTAATTG ATTCATTAT
144801 GCAGTCACTT GTATTGCTT TCTCTCTCA TTTGCTCTCA GGAAAGGCTA
144851 TCAGTCATCT ATGCCAGGAT ATATTAAAGT CAAACTCCTT GACACAGGAT

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144901 ATTGTACTTT AATCTTCATA GCTGTATGAA AAACCCAGTC CTCTGATTAT
144951 GTAAGAAATT TGTCCTAGGA GGTGAGAAG CCAGGAAAAG ATGAGGGAGG
145001 AGAGTGTGCT TTAGGGAACA GACCATTTC CCTGCCTTGC TGTCTGGGTT
145051 TGCACCCAG AGAAGAAACA CAAAGCACAG GTACAAGGGG AAAATGGATG
145101 GCCAGTGGTG AAGAGAAATT GCTCTAACAC TTGGTTGAAC TCAAGTCCAA
145151 ATACGACAGG GACAGGTAGG GATTTACAGC TGGTGGAGTA AGGGAAAGGA
145201 TGGAAAATTA CCAAGAGGGC TTAGTTTGGT GTAGGGGGTG GGGAACTTGA
145251 TTAGACTTCT AGGTGGAGGA AGAGACACTT GATTGGATAT CAAGAGTGGA
145301 GGATCCTGGA TAAATTGGCT TCTCAGGATT CTTTGCTAAA ACTGGGCCCA
145351 GTAGACCAAG GATTAGGCC TGCAAAGCAG AGGGCTCAAA AAAGCCTGAC
145401 TAAATTTGT TCAAATCTCT GTCACCAGGT ACTCATAGGA CAGGGAGTGT
145451 CTGTGAGGCC TGACACACAG TACTAAGGA TGCTGGCGTG GCCTTGGGCC
145501 TGCCGTGATT GCTTGCTGGT GCTTCATGCA TAGTAAAGAT GGTCAAATCC
145551 CTGAGACCTA GAAGAGACTT CCTGCCTCGC ACGGCATTCC TCAGCCAGGC
145601 TTTGGAAGGA AGATGAAGCC AGACTCTGGT TGCTTGCGAA CTCAGGAGC
145651 ACAAAGTCTC CCATCTCTGA GACCTTGGCC CAGGCGCAGC TCAGAACTG
145701 AGTGTGGTGT CAGGTCACCT GCTCTCTAGG TTACAGAAAG CCCCAACTG
145751 GCTCAAATAG TAGGGAAAAT TATTTTACA CATTGCCAAG TCCATGAATA
145801 GGGCAGGCC CAGGCTCAGA ACCATCATCA GTATCAAGCG CCGGCTTCCT
145851 TCCACTCTAT CATCCTTCGT GGGCCAGCTT AGCCTTCCAG CTGGACCCTG
145901 CAGAGTCACT CACAGACCCA CATCCAAGGA AAAAGACTAT CTCTTCAGAA
145951 TCCTTCTTAG CACTCCTCAC ATTTCACTGG CCAGGGTAGT CTACCGGCTC
146001 CTTCCCGAAC CAATCGTTGT CATGGAAGTG GGATTTTCAAG AGTGTCTTTG
146051 ATTAATCGTT AGGAGTGAAG TGGAGGCTCC AGAGTCAACC CCTGCATCCT
146101 CCACATGTGC TACTTTGAGT CCACTTGAGT TGAATTGAAT TCTGGGCCAC
146151 AGAGTTGAGT GTTAATGGGC TGAAAGATAA TTAAGGTGTT TTCTACATCT
146201 TGGAGTGAGA ACAAGAGCAC GCATGTGCCC TGGCACCAAA GGGACACAGA
146251 GCTTGGCATA TTTCTTAGGA ATTCTCCAGG GTGTGGGGAG AGGGAGGACC
146301 AAGCTCCAG GCCCTGCCCC TCAAGGGCTA TGAGTGCCAA GCCTGTGTGT
146351 GAGCACCTGG CCAGCTTTCT GTTTGAGAAG ACATCATCTG GGGGGCCAGA
146401 GGGGACATCG GGGCATGTCA CAGAAGCAGT TGTCGTGGCT CTCTTGCCCTC
146451 AGTGAGGACG TGGTCTTGAG ATCTGTGTCT ACCTTTCTCT CCCCATGCC
146501 CCTTCTTTGG ACAGTGTCTG TGATGGACTC AGGTGAGGTC AGATGGTTTT
146551 TGAAAGCAGA TGGCCCCCAC TTGCTGCCTG AGACCATTGT TTA CTCTCA
146601 TATCATGGCT GGCAGCAGG CCTGTGCTTG GCAGGACTCT TCCTCTAAAC
146651 CTGCATAGGC CTAGAGCTTG TCTCATCCTT GCTGAGAGCC AGGAGGTTCT
146701 GAGGTGTGGT TGTGAGAATG TGTAATTATT TTCTTATTTA AACATCCTAG
146751 GTCTCGGTCT TTTCTTTTAA AATGTGTTGG GGGAGTAAAG TTCTCAAATG
146801 AAGATAACTT ATGAGACTTA TTACGCAGGC TGATCAAATG GCATGATAAA
146851 TCATATAAAT GGTATAAAT GCTTTGATAT GAATAGCAGA ATAGTGAATA
146901 AGGATGAAGC ATCCAACCCT TCTCCAAGGT CACTGGAGTG AAAAATATCT
146951 TATTGGGCGC CCGAGATATG TCCAGTCAGT CAGCAACAGA GCCTAGCTTG
147001 TAACTCCGT AGAATTCTT TGCTAATTCT GAGGGTTTGT TTGTTTGT
147051 GTTTGTTGT TTAGGGAGTA AAAATCAAAT TTGCATTAT CCCAGGATGT
147101 TTCAAGGACA GATTTACAGC AACAAACATT GGTGAACATA AACTGGGAGA
147151 TTGCACTGTA GAGTTAGGAT ATGGAACAGA AAAATGTTA AAGCTCCAGT
147201 AAATACCTA GAAATGTAAT TAAGTCCCTT GCAAGAGGCC AAAATGCCAA
147251 AAATGTGACA GTCACCCTGT TCTTGAAGAA CCACTTCTG AGGTAATCAG
147301 TCTGTTATGA CAGGGGAGGA TGGATGGAGG CCCCATAATT GTGTCTGGA
147351 TTGAAACCCA TGCTAGTTAG GGTATTGTCC CTTTAGATTG GCAATTTTAA
147401 TATCAGAGCC ACATTGACAG ATGGAATTTG AGTAAGTGAT TTGTGCAAGC
147451 AGTCCACAAC TCACAAGAGA GTTTTGCTCC CAGCAGTTTA GCATTAGGCA
147501 GTCATCTAGA CCTTTGAAAA CAAAAATGCA TTTTTCCTCA CAGGAGTATT
147551 CTCTGAATG TGGTTTGAAT TCTGCACTAG TGTCAAAAAC TTTATTTAAC
147601 CTTCAATGTT GCTAAAAACT ACTTTATACA TACAAATTA ATCATGGAAT
147651 CCAATGTTAT AAGAAAAATT GTAGCACTGA AAGGGAAATT GTTCCCTTAT
147701 TTTCTCTTGC TTGGCGTAAC CTGAAGGAAA CAGATTTAAC TGAAAGAGGA
147751 TGAGAAGTTA GCCTCAGAGC ATGCAAGAGT TGAAGGCGT TTGAGCCAGA
147801 GCTCAATTCA AGCCCTTGTT TATCAAACGA GGAACTGAG ACTCAGAGAA
147851 ATTTGGTGTG TGGCCCAAAG TCACACAGCC AGCAGTGTGA CTAGCATTC
147901 GGCTGCCCT GACCCAGTGA ATACTCCCTG TAGAAAGTTT CCAAAGAGAC
147951 AATCAGATCC CCTAGGTAGC GTTGGGCCCC ACTGGAAAGT CGACTTTTTT
148001 TCAGTTTCAC TATAAACAT GCCCTGTTAC TTCTTAAAC GGAGATGAGG

148051 CTTGCGACTA TTAGGCTTCT CTAGGAATAG AGCCCTGGAG CTCATAGACA
148101 GAAAGAAAAG AAATGTGTGT TCATGCGAGA AGCAATGATA AGGTGAAACT
148151 AACTGAGCTG GAAACTGCAA AAGACCAGGA GCAGAAAATG TGTGGTCCCT
148201 GCAAGGAGGA GCGGGGACCC CAAAATCAGA TGGCGGACAG ACAGCTGCAC
148251 ACTAGGTGGC GCTGTTCATCC CCCCAGTGGC TTGGTTGCTG CCCTTGGAAA
148301 GAGCACTGGG GAAGGTGTTA CCGGTGGAGG GTGTCCAGGT TCTCGGTGTC
148351 TTGAACAAAG AATTGGACAA AACGCACAAA GCAAGAATGA AGTAACATAA
148401 GCAGAGATGT ACTGAAAATG AAAGTACACT CCACAGTGTG GGAGCGGGCC
148451 TGAGCATAGG ACCCGAAGGG CCCCCTTACA GAATTTATGG GGGCTTAAAT
148501 ACCCTCTAGA GGATTCCATT GGTACTTGG TTTACACCCT ATTTAAATGA
148551 AGAGGATGAA GTAAAGTTAC AAAGTCATTT ACTCGGCGTA CACCCATATG
148601 GGAGGATATT TCCTTTCGTA GCTGAAGTGT GAATCAGCCT CATGTGTTTC
148651 CTGCCTCCAG ATCCTATTTT CCTACCTCAA AGGAGGACCC TGTGTCCATG
148701 ACAGGGGCGAG GGGGAGAGTG TGGCATGATT CTTTGCTTAG GGAAGGGGGA
148751 GGGTGGTGAG ACACACAGCT CACTAGTCCA GTGTGGATAA GCCAGAGTTC
148801 ATCAAAGATA ACCCAAACT CAGCGCCACA GCATTTCACT TCCCAAAGCC
148851 TGAGTTGACG CTTATGGTCT CCTGTTCTCC CATGAGAGAG GTAGCCTTGG
148901 CCCCACAGC CTCTTTCCTC TCCTGTGTGA CCCCATTGCC TCAGACTACA
148951 AACTGCTGGA GGACAAGGAC TGTCTGTTTG GTTTTGCTTT GTTGTTAATT
149001 CTCACAGTC TCCTCTGCAG ATGTTTGATA ATATCTGCTA ATTGAATTTT
149051 TAATTTACTC AACTCTAAGG TAGATTTTTG AGAGCAAAAC AATTTTTTAA
149101 AAAACATTAT TTTATATTGA CACTTGAAGT TCTAAATAAG TGGGTTTTTT
149151 TTAACCTGGA ATTAATAAAA TCTAATCCTC GTCATATTTA ATTGTCCTAA
149201 ATACTGAGTG ACTCTTGGTA TGCTATTAAT TCCACATGCA GACTCTTCAT
149251 GGGTGGTGGC TGATGGGGGC TTCCCTCTCC ACTGCTTTGG AGGAAGGGCT
149301 GCCCTGCACG GACCCAGGG TGGTGGAAAG GGAAGCACT CTCGGGGACT
149351 GTCGGTGGGT TTGCTTTGCT CTTTGTTTTT AGCCTCAGAA TAAACATATG
149401 TGCCCTTTGC TTCAGCCTCT CAGGCCCAAG GAAATGGGGA AAAACAGTGG
149451 AATCTCTGCA GTTCTTGAA GACTGCTGGC TGAAAGCTTC CCGAGAGCCT
149501 TCAGCCCCAC ACATGCCCTC CTGCTTCCAG AGGCAGGTGG GGTCTGTTGG
149551 AGGTGGGGGC AGTGACACCA TACCTCTAAG GCAGAGGTCT GAGCCATCCA
149601 TCAGCACCAG CCTGACTTTC AGAGGCCATG GGAGCTGGGG TGTCTAATGT
149651 CCGCTGCGCC TCTCCTCCGT CCCCCTCTAC AACAGGTGTG TGTGCACCCT
149701 ACCCCCTGCT GCTCCAGAGC TCCTGGAGGA TGTGATGGGG CCTTCACAGG
149751 AGGCTGTCCA AGCCAACGCT TGAAACAATC TAAAAGGTTG CAGGTTTTAC
149801 AGCACTGAAT CCTTCCCTCC TCCTCTCCA CTTGTGTTT GGTGATAATA
149851 CTCCCACAGA CAACAGTGAT GCCAGTGCTT GTGTCTGTGA GGCCCTGTGA
149901 ACTGGAAAAC AGTTGCCCAT CATCTGGGGG CATTCCCATG AGGCCAGGCC
149951 ATCCCCAGTC CACAGATGGG ACCCAGGCC AGAGAGGACA TGTGGCTTGC
150001 CAGATGCAGA AGGACGGGGA TTCCAACCCC AGGGCACCTC TCTGGCATTC
150051 CCATTAAAGGA AGCCTATTCT CTCCTCATGA AATACATGGG ATGAGATGCT
150101 GCCTTGGCCA ATGCCAGACC TAACTTCAAT TTGGGATGAA GACAGAGAAC
150151 GGGGAGGAAG GAGGCTCACT ACCCAAGGAG GTGAGCTGAT GGCATCCCTG
150201 TTTCTTCTG GGCATACACA GCTGGGATTG TAAAACCCAA GGCAGATATT
150251 TCAAGGCTGC CATTACCATT TTCTGAAGGA CAAAATCATT CTTTTTTATT
150301 AATACATAAA TAACTTTTTT CTTGAGCAGG CCCAAAGAAA TGAAACACAG
150351 ATGGTGATAA TGTTGAAAAT GTTTACCTAT TTCCTCTCTG AGGACATCAG
150401 ATTAGCCTTT TCTGTGGGCG GAATGTGTAA TCTGCTGGAA GACAATATCA
150451 TCCTTTTGAT CTTAAATATC ATTTTTCATA TCTTTGCCG AAAAGCTGAT
150501 TATTATCATG ACATTTTTTA ACAATGACTG TTCACTGCGC AGAATGGGAA
150551 AGGAAAGTTC AGCTGAACGT ATAGATAGAT AGATGCTTGT CGGAGGCCAG
150601 GCTATGGGAA TGAATTTTCC TGTGTTTCTT CTGCCTGGTG ACATTTGACA
150651 TTAACCCCTT CCTCCCGGAC TCGTCTTGT GCACTAATTG GAATCTGATG
150701 CTCAGCTGTA GGAATTGGCT GCTCCTCATT TACATGCAGA GACCATTGAT
150751 TAATGGCCTC ATCACTCCT TCCAAGTCA CTGTGTTCCC TTTTCTTCTG
150801 GAAGTTAAAG AATGCTTGAT TAAATGGCAG AAGCAGATTG AATGGGGAAA
150851 TGTATGGGGA AGGGCTTTGT TACACCAAGT GGGGCAATGC AGACTTGAGA
150901 TGCTGACGAC TCCTTTGTAG GTGGAGCCCA TCAGTGCAAA TGACACAGGC
150951 AGCTGAGAAG CTTTGTGATT GCCCCGCTGC CTGGCTGGC TAACATGAAA
151001 CTGACAATTC TAAGAGGCTC CTCTTCACAG CTCACTCGCA TCCCTTCAGG
151051 GCTTCACAGC ATTTCAAAG AAAGGCATTG GATAAAGGAG AAAGCAGCAG
151101 AAGTGGAAAAG GACACAGATT TCAAAACATT TGTTTCACAT TGGCTACAGA
151151 GTTTTGTTTG TGCGGGGAAA GGGGTGAGTC TATGCATACC AGGTACCACC

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151201 CACCTGTGTG CTCCAGAAGG CCCGTGATGT CCTGCCCAGT TGCTGAAATC
151251 TATAAAATGT CAGGCCAGGT AGCAGCAGGG TGAAAGGCTG GAAGCAGCCA
151301 GCAAAGGAAA GGTTAACGTG CGCATGCTGT TTGCAGTTCC ATGCGATGTG
151351 GCATCTTGCA CAACCAGGCC ATTTTGCAAC CGAGTTAAAA TTCCCCTGCA
151401 GCCACAGGGA GGGAAATAGAT AAATCATGAA TGAATTGAAA TTATATTTCC
151451 TTCTCTTAGC TTTCTTTTTT TCTTCTTCTT TTTTCTTTTC TTTCTCTATC
151501 TCCCCACTCC AGGAAAAATG TTACAGAAAA TTATAGGTTG TAAATTCCAC
151551 CCAGTGCATT TAGCTCCATC CTTGCTGAGG GTCAGAGGAA TGGAACTCTCA
151601 CCAGTCATAT TTCATGAGGT CTTTCAGCAA GTTCCTGTAC TGTGTAGAGA
151651 TCTGAAGGGC AAAAATTCAA AAAGTCAGCA GGGCACAAAT GGACCAGAGG
151701 TAGGAAGCAG ACAGGTTTCC TGGGGCATCC TCTGGGTGCA GCCAGGCTGT
151751 GTGTGCTCCC AGCTCTTCTC AACTCAGAAC CATTTCATGTC ACAGATAGTT
151801 GGGGGCTCGT TCCTATGCTG GGGCAAAACC ATAGTGAAGA AAATTGCATG
151851 CTTATGTGGT GTGTTACTTG TGCTTCAGGG TTTTTTGTGT TGTTTTGTGT
151901 TGTGTTGTGT TGTGTTTTTA AGTACAACCT TGTATGATGT GCCTTGACCA
151951 TTGACAAGTC TTCAGAAAAA AAGGAAAGAA AGAAAGCTTC ATACTATTGG
152001 GTCCTAACCC AAAGTGCCAG TGACCACCAA GGGCTGTTGG CCTCAGCAGG
152051 GAAAGCCTGT GTCTGGGTCT TGAAGGCAGT GTAGGCAGCA GGCAGAGAAT
152101 CAGCTGGTTT TCCCCCTCCC TAAGCTGGAC TAATGCGTAA GCTACACTGA
152151 AGAAAGGGGA GGGTGACCAT CCCCCAAAAG CAGGGCTCAC TAGCCAAGTG
152201 TGTAACCCAG AGCACATCAA AGCTAAAGCA AAAAGTAGAA GCCAAAGCTA
152251 TCACAAGGCC TAAGTTGGCG TCCAGTCCGA GCATGGCCCA CTTGTTGTCT
152301 CAGGACGGCC AGCTTCACAG CCAGTGGGCT TCATCTCCAC CCACCAGGAG
152351 GTTTGGGCTA GGGTGTGTGT ATGTGCATGT GTGAGTCAGT GAATGATGTG
152401 CTGCAGAAAT CAGAAATACA GAAGGACCCT GAGGAGCTCC TCCAAGAGTC
152451 CCTGGGGTCC TAATATAACC AGGACATTAT GCCCAAAAGA CTGATCCACA
152501 TGGCTGAGGC TCTTTACAGG AAATACCTGC ATTGCTAAGT TACTATCCCC
152551 AGAACGCCCT CCCCCTGCCT ACACGTAGCA AGTAGAACTT GCTGATGACA
152601 AGACACTACG AGAGCTGGGA ACCTAGAAGT ATTGCGCGAC TGTCAGACCT
152651 CCAGGAGCCT CCCTGTGGGT TCAGAGGGAG CATGCACATG AACTTCTGGG
152701 TGCTAGCCCA GGCTGGAGGC ATTCCCTTCC TGGCAAGGGA GCAGGAGGCC
152751 AGCACAGGTT TGCAGAAGTC CATGTCCTCA GGCTGTGGTG GAGTGTGGGC
152801 ACCAGGCCAG GAGTCTTGTT CATAATTCCA TGTCACCAAC CCTTTGCCTT
152851 TTGACCATT CACTTCTCTC TAAGACCTTA AGTATCATTT TGCTCTTGAA
152901 GCCTCCTTGA ATATGTCTT GAGCTGACAT AAAACTTCCC TTGGGATTTT
152951 CCTTCTTTTC TCTCCATCTA GACATTTCTC TTTTGCAGGC CTCTTCAAA
153001 GACCTCTCT TGTGAGCTTC AGCTGGCTAA GTCTGCATGC CTGGGCCTTT
153051 CTAGCAGGTA TTTGAAAACG CAATCAATGT ATGTTAAGAA ATGTAATCAA
153101 TGAGGTACAC ATATATATAT ATATGCTTAA AAAACAAATT TATTTTATCT
153151 TTTGCTGTGT TATCGGTAGC AGTTGCAATG TTTTACCTTC ACCCAGAAGT
153201 TACTATGCCA GAAATGCTCT CATTCAATTCT TTTGGGTTCA GCGTTTCCTT
153251 GCCTATTATT TTCTTGGGAA ATAAAAATAC CTCTCAAGAT AATTGCCAG
153301 CATTTCATA GGATGAGTTT GTCCTTTTTC TAAAGCAGGA AGGCTAGGAA
153351 GTACCAAGAA GAGGAGCCTG GGTAGATGAA GGAATAAAGA GGAGGAAATC
153401 TAAACATGGG GAGATTACTG AATGTGCCAT GTGCACCTCT CCCTCTCCAC
153451 TCTTCTCAA CTCAACCACA AACCTCCCAA GGCAGGGGCC ACGTCTCCCT
153501 CATCTCTCTA CCCTCCTCCT TTAGTATGGA GCCTGACACT CATGCCTTCA
153551 TTTAACCAAC CCATGTTGAG TGAGGGCTAC TCTGCACCAA GTACTGGGCT
153601 GGGAGTGGGG CACCGAGTCA ACAAGACAAG GCCCTGCCCT CAAGGCGATC
153651 TCAGTTGTG AAGGAGATTG TCAACAGAGA AAAGTCTAAA ATGAAATGCC
153701 ATGAGGAGAC CCCTGTGATA GGAGAGAATG CTTTAGGAGC CCACACATCT
153751 TGGGGTCTCA GAAATTGCAG GCCTGGTCTG GTTGCTGAGG GACCACCCCT
153801 CACAGAAAAG AAAAAGAGCC TTCAAGCCCC AGAGGGTGAC TGGCAAACTT
153851 TGTTGGTAT TCAGAACAGA CAAATCTAG GTCAACAGAA TGTGGGTGGT
153901 GGCTTATCAC AGAGCGGGGC AGCCATCGTG ACTCGCGCTC GGCTGCCTCA
153951 TGAATTCCTC TCAAATGTTT CCAGCTAACG TGTGATTCCA TGGTGAGAGA
154001 AATGCCGCCT TTGAGGGCAG AGATATTTTC CTTTCTTGAC AAATAGTTTC
154051 TATGTCCAGG CAGCCATCTG CCACCTCTGT GAGCTTATGA GATCCAGCGA
154101 CTGCTGCTGA AGTTTCAGAT TCAGGATTGA TGCCGAAGTT GTGTGTGGAG
154151 GAAGGGGTAT CGCTGGTGCA AACCACCAT TCAGAAAAAA TTAATATCCA
154201 GCACCTTCC AGCTGAAGCT TGTCCAGGAT TTCCTTGCCA AGTTTCATT
154251 TTAAGAGCTC TGCAACTTTA CTCAGATGTA GGTATTTTGT CTTGTACTC
154301 AGATTTTCAC CAAACTGATA TATCATTAAC CCTTTGTTTT TACAATACAT

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154351 GCTTTATTGC AAAACCAATT TCAACAAAGT ATTGCAGATG CAATGTAATT
 154401 TTTATGTCTT AGTTGTTGTT GTTTTTTTTT CTTTTTGGT TGCTAGGGTA
 154451 CCAAATGCTT TTGAGAAAGT AGCGTGATAG TATCTATAAT ATGGTGGTTT
 154501 TCTGGATAAG AGATTGCATT ATCCTCATGT AATATATTG GGCAGACTGT
 154551 GTCCATCATG GCTCAGCTAG ATAAATAAAT TAAAACTCGC TGATTGAGGA
 154601 GGAAATGTGA TATTTATATT GCTGAGAATG GTTTGTGCTT CTCTTCTGAC
 154651 AGCTGCTGTG TTGCTGGGAT GCCTCATCCC AACCCAACTT AGTTGTTTCC
 154701 ACTTCTTAGG AAATATAAAA ATGCTGTAAT GTTTTCAGGA CTGTGAAAAC
 154751 ACTGCCTTAG AGGCTGGGCA GCCACTGTTT CTCCAAAGCC TCCATCCCCT
 154801 CAACCTGGCC CCCTCTTCCT GATTAGTCAT GAGATGACCT AAGAGTCCTT
 154851 ATTGGACACC AACTCCGTGC TGGACATGGT GGCCCTTCAT GGGGATCAGT
 154901 GCCCTTGCTT GGGGCGTGCT GTGGCTCCCA GCCACAGACC CACTAGGAGG
 154951 TTTCTAAGAA GGTGGCTTGT TCCTTCTCTT CCATTTCCTT CTCCAAGTTG
 155001 ACAGCCTTGG GTGGGCAAGA GTCAGGGCTG GCCCAAGGT CTAAGCTCAG
 155051 GCAGATATTG GTCCCAAGT CCTTGGCCTG GGTCCAGGAG GGACTTGCCT
 155101 TGAGATAGCC CAAGATAAGA CAGCATAGGT CCCTATGTGA GGCCCTCTG
 155151 CCCAGGTGTA GTGAAGTGCT ACTCCAGGG ACAGGTTCCA TTGCTGGGG
 155201 GTGGGAGCAT CCACTCAGAA GTTCATCTAG TCTGAATACA AGATCTTGGA
 155251 AAAGCTATTA TGCACTCTGT GTACACTCAG ATGTCATATG AAGACCGTGG
 155301 GAATTATGAT GATGATGATG ATGATGGTGA TGATGAAGAA CTACAGACTT
 155351 CAAGAGAAGG TGGCATGAAT GGGGCCCTTC AGGAAGGAGA AAAAATTCCA
 155401 TGTTCGTGTTA CTGCCTTCTC ACTGTCTGTG TTGTGCTTGG ATGTAGAAGA
 155451 AGAGTGACAT AGAAGATACA GTATGGCACA CTGAGGGGTG GCCTGGGCTT
 155501 GGATCTGGAG TCACTCATCT GTTCATTCTT TCATTCTTCT ATTCATTTTTT
 155551 GAGCCTGTAT GTGCACAGGC ATTGTTCTAG GCACTGATAT TGAATTCAAG
 155601 TTCATAATGC ACCATTTGTA TAACCTCCAA CAAGTGACTT CACTGCTGTG
 155651 CCTCAGTTGC TTCATAGAGT TGTTGGTAGG ACTCTGACTA AATGGGACAC
 155701 TGCACAGAGT GCGCCTGCAA TAAAGAATG TCATCATCCT GTCTTTTAGA
 155751 TGTAAGTCTGA GAACAGCAGA GCTGTGCCAT GTGTGTTCTC TCTGGCAGGA
 155801 ATAGCAACAG GACACTCCAC TCAGCTGCCT GGGGTCCCTG GAAGAGCATC
 155851 CACTGGGGCT GCCCAAGCAC AGCTCCTGCT TTCCTGGATT CAAATCCTGG
 155901 CTCTACTACT TACAACCTGA GCGATCTTGG ACTGATTGCT TAACCTCTTT
 155951 GAGCCTCAAT TTCTTCATCT ACACAGTACA TTTAATACGA GCACCTACCT
 156001 CATAAGGAAG TTGTGAGGAT TAAATGAGT AATACATGTG CACCTCTCAG
 156051 AGCCTAGCAC TTAGTAAAGC ACTAGATGTT AGCTGTTGTT GGTGGTGGTG
 156101 TTTCTGGAGG AATTTCCATT TAAATGAGAA GTGCCTGTGG AAATTGCCTG
 156151 CACAGAAATC TCTTAGCTCA GGAAAATTC TCTGGCTGCA GATCCCTCTA
 156201 AGAATTCCTG CATTGTTTTT CTCTCATTGC TCAGTGAAAC ACAAATACCT
 156251 TTGTCGCCTT TAAAAAATTC AGTTGTTTGG TTTGGTACTT GAGAGATATG
 156301 AGCAAAGGAT GATACAACAA GAATAGTCTA TATCTTCTTA GACATGCTTC
 156351 TCCCAAGGTA ATCAGAAAGG CAAGAGTGAC ACTCTGCCAT GCAGCTAGAG
 156401 TTTTCTGATT TCCAATGGGA GTGAGGCCAG GCAGCCAGCT TCTCCTTCTC
 156451 CTGGCAAGGC TCTTCTGCCA AGTTGGGAGG GCTCCATCCT CTGTGCCCA
 156501 ACAGCCTGCT GTGTGGAAC CCACGGCAGC CCCAGATACT CTGTAGGTCT
 156551 ATCTCCCCAG CCAGGTGTGG GCTCCTGGGG GAAGAGGGAC CATACTTTTT
 156601 GTATCTGCAT CTACAGTGCC TGACAGGGAA GCATTAGGAG GCAGGCAGAC
 156651 AGCAGGACAA ATGGCTCCTT CTCTCTTTGG CTGTGGCCAC CTTGGTGCCT
 156701 ATAGCTCATG CGCAATCTCG ATGCTCTCTT CCCTTGGTGG AGAGGTACAG
 156751 CAAATCCGTT GCCAGACAAA CAGAAATATT CAATTCTTCC GCCCAACTTG
 156801 AACAATTCTG TTTCTTCTC AAATGCCTCA GGAGCCTTGG AGAAGTTCCT
 156851 GTCCCTCCCC CCAGGCCTCA GTTCTCATC TCTGAGATGA GGCTGCTCTG
 156901 TACCCAGCAA AGTGTTCCAC GGACCCTGGC TTAGCCCAAG TACAGACAGA
 156951 GGTGGTGGCT CTGCTCCACA CATGTGTTTC TGCTGTGTTT TGCTCTGTT
 157001 GGCCTTTTCT TGATGTTAAC ATTCTCTTTT TTTTCTTTTT TGAGACAGAC
 157051 TTTTGCTCTT GTTGCCAGG CTAGAGTGAA GTGGCATGAT CTCAGCTCAC
 157101 TGCAACCTCC CCCTCCTGGG TTCAAGCGAT TCTTCTGCCT CAGCCTGCCA
 157151 AGTAGCTGGC ATTACAGGTG CCTGCCACCA TGCCAGCTA ATTTTTTTTT
 157201 TTTTAGTAGA GACAGAGTTT TGCCATGTTG GCCAGGCTGA TCTTGAATC
 157251 CTGACCTCAG GTAATCCGCA CGCTCTGCC TCCCAAAGTG CTGGGATTAC
 157301 AGGCATGAGC CACCGTGCCT GGCCAACATT CTCAAACCTT CCTTTCGTAA
 157351 ACAGCAGGCC CTCAGAGGCC TTCCTGATTG GAAGGGAAAC AGTGACCCTC
 157401 AGCCAATGCA GGTGGAACAA ATCAATGTGT GCAGACCCTG CTTGCCTAAA
 157451 TCAATTCAAC CTGCCCTCTA GGGACTTTGC CATAACTGGG AAAGAGCTTC

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157501 CTTCTCCGAG TTACTTAGGC CCAGATCTAA CTCCCATCCT TTTGGTTTCC
 157551 TCTCCCTCCA TTCTTCTTCC TCTCCAGTT CCCCTTCTTT CCTCCCTCCC
 157601 ATCATGCCTC TCCCTCCTCT GTCCCTGTCT CCTCCACTC ACCCCATTCC
 157651 CCCTCCAGGG TGAAGAGTCT GGCTACCTGG GAACACCTGG GGTCTGGGTC
 157701 TTGTCCAGCA TGTACTAAGG GCTGGCATCA CCTGGCTCTC CCCCATTGGT
 157751 CTGCAGCCCT GATCTCCCTT CCTCTGTGAA TGCTCCAGCT CCCTGATGGA
 157801 TCTGATCTGA AAAGGTGCCG GTAGACTCTG CATTAAGTCA GCTGCTTGTG
 157851 GCACCAAGAT GACAGGTGTG ATGTTTTCTT GGGGATGCCG AACTGGGAAA
 157901 AGTACCATCT CCTGTTGTAA TGGAGTTAAT GCGTTCCGC TCAGGACAGC
 157951 TGCACTTACA TCTGGTGTTA AACCACCGTT ATTTAAACTT TATGATGTGA
 158001 GAGGATGCCA GCTCGTCCAC TTGCAACATA TAAATTATGT CGATTGCTCA
 158051 TGCACTTTTT TTAACCTGA TTCTTCTGAA TTATGAAAGA TGGACAAGAC
 158101 CAGTGGTGGT TCTCAGAGCT CCCCTGGGCC CTGTGGGCCG TGAGTGCTCG
 158151 GTGTGTGTGC AGATGGCTAA AAGGAAGCAG CAGGGCCGGA GCCCATAGCC
 158201 TCCCCAGGCC ATTAGGGCAC AGTCTGGCT GAGCCTCCCA GCTCCTGAGG
 158251 GGCCCATCAC TCTGGGCTCA GTAGGTTTAC CCTCAGGTGA CCTCCTCTGC
 158301 CTTCTTCTCT TGGGGAGATC CATAATGCAT GTCATAAAGA GAATGGACCC
 158351 TACAGCTGGT CTGCCTGTAA AAGTCTCCCC TGATAGAAAT CATCTTGCTT
 158401 GCTGTGGGTT TGCATCATGG GCTGTTTTTT CCTTGGGCAT GGAGATGGAG
 158451 GAAAGACTAG TATTTGTGTT TGGTGAGGAA CCTAAGTAAA GCTCTTAGCA
 158501 AAAAGAATT TTTCAAAGCC AGCTGGTAAG TGGCTATTCC AAAGCCACTT
 158551 GTACAGGGC TGCCAACACA AAAGCCCTT CACATTTCTG AAGCAAACCT
 158601 GACCTAAACC CAGAAAGAGA AGCCTGGATT GTAACCTCTG CTAGACAACCT
 158651 GACCACAGTG TGTCCCCAGT AAAGGCCCTAG TGGGACCCCA AGAGCAGAGG
 158701 TCCTGGGGAT CAATTCTGTA GATTCCTTTT GCTCAGGATG AAATCCAATT
 158751 TGCCCTCCAT TTCATTTTTT TAAAAAATTT CCTGCATTG CCAATACTTA
 158801 AAAGACCCGC AGGGAAAATG AATTGCACAG TGGTGTGGA AGGGAGAGGA
 158851 AAAGAGCGCA CCCAACAGGG AACACCCGCC ATCTCAGACA GAAGTCTGGG
 158901 AACTGCTGTG ATGGACCTTG AAACACGGGA GGGACGCAGA CCTACCCCT
 158951 CACCTCGGAC CCCGCCTGGG GTGGTTGCTT GAGGAAGGCT CTCCCTGTAA
 159001 TCCGCCCTTT CAGTCACTGT CTGTTTTCCA GGTTTTCCCC ACATGGAGAT
 159051 CACTCCTGGT TGCTTTATTG GGTCCCAAAC CACGGGCTTG TCTCCAGGCC
 159101 CCAACCCAG CCACAGCTCC TGCCCTTCAG AGGCCCGCGC GTGTTAGACT
 159151 ATTTGGCCAT GGTTTACCTT GGCCTTGCTA GCTTTCAGCT GACAGTGCTA
 159201 TGCCAGCCTC CCTCTCACA CCCCAAAGGG TTCTGTGTGG TGCCGTATGC
 159251 CACGGAATC CACATGATGG GGTTGAGATG TCCCCCAAAC AAGGCACCAG
 159301 GCCCAGCGTT CTGAAGAGGG GTGTCGGGGT CATCTCAGTG CCAGGAATCC
 159351 ACCTGGCAAG CAGGTTCAAG GTGAGGCGCG AAGGGGCACT GCAGGGCGAG
 159401 GCCACCTTAC CCCCCAGGCC TATGGTGTGC ACAGACGCAG GGGCACAGGG
 159451 GCACGTGGGG CGGATCGTTC TGTAAGACAC TCAGCGCTTG TTTGGGGTCA
 159501 TCTTCAGGGG ATCAGAGGAG TGGGGCTGTT TGCAGAGATG CTCCCTTCCC
 159551 TTTCAACCCC TGCTATATA ATATATATA ATATGCGCTT GAAGGCTACC
 159601 ACTAAATGG AAATGTTATC TGGGAGTTGT CAGAATTACC TCCCCAGTAT
 159651 AAATTAGTCA ATCGCCATTA AACATCTGGG TGAGAATTAG TCAGCTGATT
 159701 ACCTAAACAT TGGTGGCAGC TGTGGCTTCA AAAGAGAACT AGATTTGGGG
 159751 ACCTGAATTT AAAACCCCAT CTTATCACCT TTGGGTGTCA AACTTCATTG
 159801 TGTTTAAGAA GCATCTGGGG AGTTTGCACA AAAGGCGGAA AATTCTGAGC
 159851 GCCCCCCCCC CCGCCCCCG CACCCTGGG GATTCTGAAG CCGCACTGTC
 159901 TGACCTTGGG AGCTGTGAG GACCTCTCAA CCTCAGTCTT CTGTCTCGAG
 159951 AGTGGGGACG TTAGTGTGTT CCCAATGGTG TCATGGTGAG GACAGTGACA
 160001 GTGAGCTGAG CTCTGACAGA GGCAAGTGCC CACTGCTGCC GTTCACTTTG
 160051 TTGTACCCTC CCTTTAACTT CTGTGTGCCC TCTACTGTGA GCCCCGGGAG
 160101 CAGGGAACAC CTGACATCAT GTGCTCTGAG GGAACGCATT GAAAAGCCAA
 160151 GGGTGGCACC TGGAAGGGAT GGGTTACAAA GAGCCATCCA CACACCTGCA
 160201 CTCGTGGGCTG TGCCACTGGC AGCATACGGG GGCCCCCTG TTTCTCTCCT
 160251 TCAGACGGTG TGGGTGCTGG GCCTGGTGAT CTCCTGAGCC ACTGAGGACG
 160301 GTCCCTGGGC CTGTGGAAAA TAGAGGTGCA GGGAGAAGTC TAGAAGCCAT
 160351 GACTGTGACT ACAGAGTGAA CAGAAACCAT TCGGCAGGGC AGCCCTGGGG
 160401 AGGGAAGCAG CATATGGTTT CAGCAGGGGC AAATTAACGG AATGTTATCT
 160451 TCCTCCTACT TTATGATCAC TGTTTACTGA TAGTGCTTAA TTTAAAGTGT
 160501 GTTCTCAGCA TCTCAAGTGT GAGCAAAGAC TAAACCACGG CTACTTTTCT
 160551 GCTAAATGTG AAACATGGTG TACTACACA TGCAAACAAA GAGGAGAAAT
 160601 GACAATTTCC TCCTTGAAGG TACCTGAAAT TAAAAAATCT TGCCATCTGT

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160651 TCCAAGAAAG AAAAAAAAAA GGAGAGTTCT GCTGAAAAAT TAGGAAATTT
 160701 CCATCAGAAT GGTGGGATTA TGTAGCTTGC ACTAAAATGA CATCTTAGAA
 160751 AATTATAATC CTAGGCTGGG TGCAGTGGTT CACACCTGTA ATCCCAGCAC
 160801 TTTGGGAGGC CAAGGCAGAC AGATCACTTG AGGTCAGGAG TTCAAGACCA
 160851 GCCTGGCCAA CATGGCGAAA CCCTGTCTCT ACTAAAAATA CAAAAATTAG
 160901 TTGAATGTGG TGGCGGGCAC CTGTAGTCCC AGCTACTTGG GAGGCTGAGG
 160951 CAGGAGAATC ACTTGAACCC AGGAGACGGA GGTTCAGTG AGCTGAGATT
 161001 GCGCCACTGC ATTCCAGCCT GGGTGACAGA GTGAGACTCA GTCTCAAAAA
 161051 AAAAGAGAAG AAAAAAGAAAT TATAATCCCA CATACATGGT TGCTTATCAT
 161101 GTGTTTCGGT GAACTTTATG GAATTTCGAGC TGCAGGAACC AGACCTACCA
 161151 TCTTATGAAG CGGGTCATTG TTTCTGATCT GCCAGCCAGG TGCTTCTCAA
 161201 AAGCACAGGA TTTGGAAATT TCTGGGAGAT GCATCAGGTA CTATTCTGAT
 161251 TCATCAGATA AAAGTTTGGC CTTAAGAAAA GATAGAATAG TAGAGTGGTT
 161301 TAAAGGGTGG ACTTGGGCAT CAGGTGACCT GGGCTGGACA CTTGGCCATA
 161351 TAGAGCTTG GACAGTGGT GCCCACACTC TGTGCCTTGA CTTCCCCGGC
 161401 TGTACACAG GCTGGTGGTG ACACCTCACC AAGAGGCTTG TCCCAGGGCT
 161451 TGGCACACAA GTCCTCCTGT ATATCAGCAT CACTGCTCTT CCTACTGCCT
 161501 CTTCTGCTGC CCTGACATCA CAGCACATGG GTGGCCTCAG AGCATCGGCA
 161551 GGGGAGCCCA CCGTGAACAG TCTCCTGGGT CCTGAAGAGC TGAAAGATGT
 161601 ACTTTGTAGG AGCTGTCTTT TCTCTTCAGC CTACAGGAGC CACTTGTGGT
 161651 CTGAATACCC TAGACCTGTG CTCTCTTCCT CTGCCTCCAG AACCCTTCA
 161701 GCCACAGCC CAGTCATGGA TGGTCAGAGT GCCTGAGACT GAGGTCCACA
 161751 GAGGGGACAG GATGAGTGA GCCACAGAGC TGGGGAGGAC CGGGGAGAGG
 161801 CCTGGAACCT GGATCCACCA TCAGAAGAGG GAGCAGCGGT GTGCAGACAT
 161851 GTCCTCTTAG GGGCCTGTGC TGAAACAGGA ACCTTTGTG TAGACTTTGG
 161901 GAGGGGGCTG GGCTGTGGGA ATACGGCTGC CTGAAAGAGG ACCGGCTCCT
 161951 GATTCCCACC TGCGGAGGGC CCCGGGAGGG AGGAGCCCA GTGTGTTCCA
 162001 GGCAGGCTCT CCTGATAGTT GGTTAGGAAC CACTCGAAAG AGAACACTTG
 162051 GAGGAGTGG GGGAGTGCCA GTGTCAGCAA GTTGGGAGCA GAAGAGAGCC
 162101 CCACAGTGTG GAACAGGTAG CCAGCAGAAC CCACTAGTGG ACGAGAGCGT
 162151 GAGGGGTTGT TGTGTTAAG ACAGAGTCTC GCTCTGTTGC AGCACAGTGG
 162201 CATGGTTCGA TCTCGGCTCA CTGCAGCTC CACCTCCTGG ATTACAGCGA
 162251 TTCTCCTGCC TCAGCCTCCC AAGTAGCTGG GATTACAGGT GCCTGCCAGC
 162301 ACGCCCGGCT AATTTTTGTG TTTTGTAGTAG AGACAGGGTT TCGCCATGTT
 162351 GGCCAGGCTG GTCTCCAAC CTGACCTCA AGTGATCTGC CTGCCTCGGC
 162401 CTCCCAAAGT GCTAGGATTA CAGGCGTGAG CCACCGAGCC TGGCCCGAGA
 162451 GCCTGCAGGT TTTGGTGGGG CTCAAATAGC TACTGGCTGC CCCCAAATAG
 162501 GGGTGGGGTG GAGAAGTCTC CTCAGATGAA ATGAAGGTCA TGAAGTCCAT
 162551 CATTTTTATA CCCTACAATC AATCACTTGG GGAAATGGCT AGCCCTTGAG
 162601 TTTATAAACC ACATATAAAC TTGTAGTATC CATTAAAAAG AACTGCCAGG
 162651 GGACACGTGG TTTGCCTAGA ATGGCACCCA GCCTGCCATC TGCTCCTGTA
 162701 TGTAATTAT CTGTGTTTAT TAACCTTTCA TGGAAAGTTG TTAAAGAAGA
 162751 CTGTCTTTTT TTTTCTCCT TTAATACTCA AGTATAAATT CAAAACCTAC
 162801 TTAAATAATC CCAAGAATT TCTCTCTGTT AAATATTGCT GCAGCTCTGA
 162851 CAGGCAAATA CACAGGCCTG GGGACCCGGG AGGGCCTGTG CACGTTTTGG
 162901 GGAAGAAAGC CCCCATTGA AGCCCTCCT GGCATACTCC CAGCTACCCA
 162951 TCCCAGTCTG CTCTCAGCTT GGTATCTTAG AGACTCCCAG GTGGGGCCAA
 163001 CTGGCTCCCA GGAGTGGCGC TTCATCCCCA GGTCCACAA GGATCCTTGG
 163051 GAGTCTTGA ACAGAGGGCC TGGGTGAGAC AGCATACCCC AGCACTGCAG
 163101 CCAGGTGTCA GGGCAGGCAG GGCCGATGGG GTGGCAGCCG GCCCATAGGT
 163151 GACCCAGACG AGGCCAGACC CACACTCCCT GGCCTGTGCT GCCCCGAGC
 163201 AGTGATCTGA GGGAGCACTC CCCGGCCTGT GCTGCCCCGC AGCAGTGATC
 163251 TGAGGGAGCA CTCCCCGGCC TGTGCTGCCC CGCAGCAGTG ATCTGAGGGA
 163301 GCACTCCTGC AGCCAGGCCA GTCCCTCACC TGGAAATCCC CATAGATGGA
 163351 CCTCACCAG TAAGGCTTTT TTAGCTGGAA GCTGCCCTC TGCTTCTCGA
 163401 TTTTGAAG TAAATGGCAC CTCCCATGCC AAAAGAAGGC AGACTTGCTC
 163451 TTTGCTTGA ATGTGAAAAC ACTGGGAGCA GAAGCAGGTC TGGATTGCTG
 163501 GGTCTTCAGT CCTTACCCTT CAAGAGGTGC TATGTGCTAG GTGCAGGGCT
 163551 TAATGTATTT TCACACATGC TGGCTACAAG GTGTGTGTTT CCATCTGCGC
 163601 CCAGCTTGA GGCTGCCTCC ACCTTTCCAC AGGCTATGCA CCAAGGTCAG
 163651 TGGCGGCTAG AGGACAGT GGGGGTTAA CAGGGGCTAG GAGCAATCTG
 163701 GCATCTCGCC CTCTCCCTT GGCCCCAGAA ATGGAAGCTG GAAGGAGAGA
 163751 TGCCATGGGC TTAGTGAGT GGGTGAGGGG CTGCTTGAGC CCTCGTGTCT

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163801 GCTCATCTCA TTCCCTGTGC CATGGGCCCC CAGCTAATAA GCACCACGTA
 163851 TCTGGGGAAA GAGTGAGTTA CCCCAGGAC AGGCCCATCC AGCTCCCTGC
 163901 AGAAGCCCTT ACTTCACTTT CATTCCTGCC TGGTCCCTGA GAGCCCACAG
 163951 GCTATAGCTG GGCTCAGAGA GGGGAAGCCA GGGCCAGCA GCTCAAGGCC
 164001 TCTGATTCAA AGCTGGCCAG GGCCTGGATA GAGCAGCACT GGGGGCACAC
 164051 GTTGGTCTAG CAAGAGAGAA AAAATGAAAA GACATAACAG ACCTTTTTTTG
 164101 ATCACCCTGC ATGGAACAGA GTTAACTGAG TCTGAGCACA ACATGTCTGG
 164151 GCAAGAGAGA GAACAGAGGG CCAGTATGGT CCCCAGAGAG GGCCGGGCAC
 164201 TGCCAGGCAG GGTGGCTGTA GGTAAAGGAG GTGCTGGAGC TCCCAGGACT
 164251 GGCCTTCATT GGTCATGGGC CCTGGAGAAG CCAGGTGGCC CAACTGTGCT
 164301 CAGTGCTTCT AACCATCATG AAATCATGAA CGGTCTGGAG GGCGAATCCT
 164351 CCCATGGGGA CTGTGGGCAA GAAGGTGCCT ACCTATCTGT CTGTGCTTAT
 164401 GTTTTTATTT TTCTTTTCTT CCTTCCTTTC AGTTGTTTAG TCATTTAACA
 164451 AACATTGGTT GAGTGCCTGC TTTGAGCCAG ACACTGTAAG GACTGGAAAT
 164501 ACAGCAGTCA CCAATCCAGA CGTGGCTCCT ACCCTCCATG TGCCATGGTG
 164551 GGTGAGCAAC TGCAGCCAG CACAAGTGCC CAGGAGGAAA AGAAGGGGGT
 164601 GTGTAGGAGC ATATAGGAGG AACCCCAAGT CCCCAGATGG AGAGATAGGA
 164651 TGGGTGCCTA GGACCAAGCA ATGTCTAAAC TGAAAGCACA CCACGGTCTT
 164701 AAGCAAGAGA GTGAGGGGGA GTATTCTGAA CTGAGAATTG CGTAGGTGAA
 164751 AGCCCAGGCC AGACAGAGCC CCATATGGGG TAGTGGGTTT CCGCAGACAG
 164801 TGAAGTGTGG CTGGAATATG GTGCAAGGGG CAGAGATGGG ATGGGGCCTC
 164851 CTATGAGGCT GGAGGGTCCC TATGGGCACT AATTGACCCA CTAGTGAGTG
 164901 AGTGAGTCTG TGCCCTCCTC AGAATATCGG GCTGAACCCA CAGACAGGCT
 164951 GGCCTGAGAG GAGCTGGATT TCTTGACTAG GAGGAGTCAG AGCACCACCA
 165001 AAGCACTCCA GGTCCAGACA CACCCAGGCT CAGATTGGAG AACATCATCT
 165051 AAAAAGCAGC CACGTTAGGT AAAAGCTCAG TATTTCCCTT TTTCCAGAGG
 165101 GATGGGCCTG AAGGGTTAAC CATTGTGCCCT GGTTTTAAGA AACAGATGTC
 165151 CTAGCAGAAG GGTCTGGGGA CCTCCCAACA CCATGAATGA GTTGCGCCAA
 165201 CACTAGAGAG TGTGACAATT TCAGTTCAAG CTTGGATGTT TAGAACATTG
 165251 GAGTTTTTGC TTTCCAGAT GGGAATCCTT AAATGTTGCA ATTTCTTCTT
 165301 TAAGGCAAT TAGAGGAATC GAGCTCCGCT TATCACTTTC TTGCACCTGG
 165351 AAGAAATCTC AGATAGGAAT GATTGGCTAT TTTTGGACCT TGAGTGAATT
 165401 TAAATTCCAC ATTTAGACTC CACCACCCAT GTTTGATTTC TAATTAGAAT
 165451 GTGACACTTA CCTTATGAAC ACAAGGTGTC GTGCAGAAGA CATTCTCCAA
 165501 AGGAGTTTGA GGATGCGCAG AAATAAAGGT GGTCCATATG GAACAAGAAT
 165551 GATATTTCTG CAGGTGTATT TAGAGGTAAC AATTTTCTGA TAAATGGAAT
 165601 CTTCAGAAGT ATTCTTTAAA AATCACCAGA TTTGACTTAT TGTGCTTTGC
 165651 TCACATTTAT TAACTTATT AAGATATACA GGATACCTGT TGTGCTTTG
 165701 AAGAAGGTAT GGTGTGTGTA CTTGGATACG ATGAAAATGA AACAGATAGA
 165751 TCAGGTATAA AGTCTAGAGA TGCTAATGGT GTTGGGTCAG TTGTATTAATG
 165801 CAGGCTTTGC CACTGAGTGG TTTTGTGTTT GCTGACTCCA AAAGCCTGAT
 165851 TGAGCCTCTA TGACTCAGGA GAAGGGAGGA CATGAAATTT AGGGGTCTG
 165901 TGACCCAGGG GGTCATAACA CAGATGCCTC CATATTTTAA ATTCTCACTT
 165951 CTACCAGGGC TCAAGATTAT GTACCACTGC GTGAGCATT TTAATAAACT
 166001 AAATAAAAGA ATGACACCAT GCTATATTAT ATTGGTTTTG CTGAACATGC
 166051 TTTTATTGAC TCTGGTCAAA AACGGATGAG GATTTTTTTT TTTCTTAAC
 166101 CTTGATGAAT AGTAGATAAA AAGCATCAAC ATCACATCTC AAGAAAAGCT
 166151 GCAGAAGAGA AGGCTCAATA AAAATGGATC TGACTCCATG CAAGCATAGC
 166201 TCTATTTAGC ATCTTTCATT CTAATGACTT AATGGCCAGA TACCACAAC
 166251 ATACAATTAG CAACAAAGAG AAGTTATTGG GAGCTGAAAG GGATGCCTGT
 166301 GTCATCAATT TTCAGTCTCG TTGTCTCTTC GTGTAACCTA ATAGAAGGAG
 166351 ACTGATAGCT AGGATCTTGT TATCCCATGG CACGGACATG TAGGATTTAA
 166401 CCACTGAGTA GTTTATCCTT AGCCAATTAG CCATTGGAAG GTGATTGCCA
 166451 CCTCAGATAA TCAGTTGAGA CTTTGCATG GAGACTCATC CTCACTCCTC
 166501 CTGGAGGATG CTGTGTGGCC CTGCCTCTGA CCTGCATGTC TGAGAATTTA
 166551 TTGACAGCTC AAATCCACAG AATGGGATTT CGCCATGTGA CAGGGGCTGT
 166601 CCCTACCAGC CCAGCTTCTC ACCATTGTGG GTACAATGCC AGCAACTCAC
 166651 TGGTTGATTG GCAGCATGGC CACCCATACC CATTCAGAGG CATGAAAAGA
 166701 GCTCCACCAG TGAACATCCA CTTGTCCCAG GCCCTGCCAG CCTGGACTAA
 166751 AATCCATGCA AGAGAGAAGC TGGGCTTGCC AGGTAGCCAG TCACTTACTG
 166801 TGTGAAGCTA CCATGTGCGG AGCAGTGTCA GCCGACCCTG CTGCACTGGA
 166851 GCATGCCTGT GGGAGGGAGT GGGCTCTGGT GGCAACATTG CTGGAGTGGG
 166901 GAAATCTGAG TTCTCTAGTC CTGACCTTGC CACCAGCCAT CTCTAGGGCC

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166951 TCATGGAAGT GACTCAATTT CCCTGGACTT TTCCGGGGTT CAGTAGCCCT
 167001 GTCTATCACT TGCTTGCTC AGGCCTCCAA GCAGGTGGCC CTCCTTGTC
 167051 CTGTGCTCCG TGCTGGTGGA TTTTCCACTT GCATCCCTCT GTCAGTGTA
 167101 TGGGTGAGGG CTGGAGGCAC AGTTTGCTTA TCTGCTCTAA ACGTTTCTCG
 167151 GCCACTGTAG CAGATACTGG CAGTGCTCTC ATTGTTTCTT ACACACTGAA
 167201 GGCATCTTTT GCAACTCTCT GTCTCCCCTC GGGGTGCTAC CAGGATGCAG
 167251 GGGCATGTCT GGTCACTGCA CAGGGCAAGC CAGGAGTGCT GGGAGTTCAT
 167301 GTGTCCAGGA GTAGCCTTCA ACCAACAATG AGCAAGAGTT GCTGGATAAG
 167351 TACCAGCTCT GCACCCCTCA GGTGCAGGAA GGCATCCTGC CCCATCTCCC
 167401 AGGTGCCCTT CTGGCAGGCT TAATCCCAGC TGCCCACAGT GATAACCTGC
 167451 TCATTAATTT GCCCGTCTT GGCTTCTTTC TCTCCCTTCT TTCATTTCCC
 167501 CATCTCCCTA CCAGTGCTTC CTAGGATATC ACTTCCCAAT ATATTGTCAT
 167551 TCAATTCCTA CTCAGAGTCT GATTTTCAGAG GAACCACATC AAGACTGCCC
 167601 CAAGCCAGGC CCTGTGCTGT GCAGGCCCTG ACACCGGGAG TGTTTTCTTC
 167651 CTTTTTCTGA CTATCCTCAG GAGCAGGGCT GGCCCTGACC CAGACCCAGG
 167701 AGGCCAAGTG CAGGAGGCAG TAGTCCACTG TATCTGAGCC TCTAGGACAC
 167751 ATTCTCCTC TGTGTGGTGC TGAGGTGGGC CCAGTGGAGG TGTGGAGAAG
 167801 TGGTGGGTGA GGGCTGGGGG CGTGGTTCTC ATGTCTGCCC TGAAACGTGT
 167851 CTTCACGCT GTGTCTGGGC TAGGCCTCTT GCAGTCTCCA CTGTCTTCTC
 167901 TTCCCCCTGC TTGGACATTC CCAGGCCTCT CAGAGGTTGT GTTCTGCCAG
 167951 TGGAACTACT CAGGCCACTA CCCTGTGCCT CCAGGGAGGT GACCCAGCTC
 168001 CATGGAATAAC TATTAGCCCT CTTGGCACA TCCATCTTGG GGAGGCGATA
 168051 AGCTAAGTCC AGTACCGACT GCTTCTCCCA GGAAGTTGAA TTTAAAGTCT
 168101 CAGCTCAAGC CTGACATTGC CATAAGCAGC TTGGTCGGCC AGCCAGATGT
 168151 AAGGGCTCAG TGCAGCCCCA CATTAGGCTG GCTGCTGAGA GCTCCCCATG
 168201 GGCCTGTGGA GCAGAAGCTG ACAGATGCTG AGCCTTCCAC AAGAAAGGGC
 168251 CTTGAAGTCC AAACCTTGC CAAAAACAGG CTTGGTGAGG CATCTTACGG
 168301 GCACCCCTGA GCTGCCACA GCCACCCAAA TGATGTGTCT TGTTCCCTGTC
 168351 AAGACACCTT GTCAGCGGCC CACCTTGCCC GCTGAGGCC TCTCCCTCCA
 168401 CAGCGCCAG AAATTATTCA GTGAATGGGT GTAGCCCCGG GTTCCAGAGC
 168451 TCTCTCTGT ACTACTCGCC CAGCTGGACC TGCCATTCTT CCACAGCCAG
 168501 GGCTTGTGCT CCAGGGTGAC TCTTCTTTC CTTCTCCCG ACCCCAGCAT
 168551 GTCCCCCACC CCCAGGGCTC TGCTCACTAA GAAGTGTGGG TCTGCAGCAT
 168601 GACTGAACAG ATCCTCTATG CTTACAGTA ACACAGATCA ACGTCTGACC
 168651 CCTCCAGGG TGTCCAGGCC CTGAATAAAA CAATGCCTAC TACTGAGGAA
 168701 GTGAATTCCT AATGAAGCA TTTCTAGCAC TGATGGTGCC AGGTGTGGGG
 168751 AAGAGGGTGG GGGTGGGCTA AGTACATGAA AACCCTGTAC CTGCCCCCTT
 168801 CGGCAAAGCC TTCCAGTGG TGTGGCCTGC TCTCCCATGT GCATCTGGAG
 168851 CCTGCACGCT GTCAGGCACA GCCATCTTTG GAGAATGACC CTCTCTTTC
 168901 CCTCATAGAT ATTGGTACCA GAGCTTGAC CACCTCTTAT TCTAAGCCCT
 168951 GTTTTAGACG AAGGGAGAGA TCAGCCCCAA GAGGGAAGG ACTCTCCCAG
 169001 TTACCCCCAC GAGCTGGCAC TTGAAGACCT CTGAAGCAGG AGGGATGAAG
 169051 GCAAGGCGTT TTCTTAAGTT AGCTAGCAAC CTGGTCTCC AGAGCTGTTT
 169101 CTTTTTAGCG GTAGAAAGGA CAGCCAGCCT CCCACCTGAC AACACAGAA
 169151 TGAAAAATTT AATGTGTGGT ATCAATCGCA GTCCACCCA GAGGCTCAA
 169201 ATAGCTTTTG TCCTGATTGA AGGTAGAAAT TCATGGCTCC AGGAGTAACC
 169251 AAATATTGGC AAGTTTGGGC CCGGTCATGT CAAAAGGCTT CTAAAAAGAA
 169301 TGTTTTATTT AAAGTCAATA AATAATAGAT TCAAAGGTCT CATAGAGTTC
 169351 TAGAAACATA AAAAGGAAGA TAGGCCTAGA CACTCTTGT CTATTCCCGT
 169401 TGTCCACCCT GTCCACCCCA CCCCATCCTC AGGTGGCCCA AACTGCTTAG
 169451 ATGTTAGCAA GGGCTGGGAG AAAATCCCTA CAGCCCATCA CTTTCATCCA
 169501 AGCTATTAGG GAACACACTT GGCCATTCT CTGTCCAAGT TTCCTTCTAG
 169551 ACAGTGTTAC AATAAGTAGA ATAAGAGCAA GACAATGTGA CTTACAGGT
 169601 ACATGCTTTA TTACCTACAC TGAATTCAG CAAAGTGGGC AGGAGGAATC
 169651 AAAGGCGCGT GAGGTTCCAG AAGATCTTGA GCATCCGCGC TCATCCCAGC
 169701 CCTTTTTTAT ATAATGCAAG TTGTTTCTCA CATAACCCCA TTCTTAGCCT
 169751 GCAGCCAGAT ACCTCCCTAA CTCCTCCTCA GACCTTCCCC AAAGGCAGAG
 169801 CTAAC TAGAT CAGTCTGCT CATCCTCAA ATCAAATTTA TATCTTGCAT
 169851 GTGGGTTTTT CTCATTATAA TGTCAATTTCC ATGAGGTGTG AGCCCCATTG
 169901 TCAGGGCAAT CCGGATGATG AATTGCACT TCAGCCTTCA CTGAAATCTT
 169951 TACTTAGTCA AACTCCACT GTGTTCTCA CTCGTCCCAC ACTGTGATC
 170001 ATGTGAATGT AAAGGTTCTG CAGTTTCCAC CAGATCCACC TCCTTCCTCC
 170051 ACACCCTGTA TCTATTCTC TACATCTTAA CGACATGTAC ATGTGTCCCT

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170101 AAATTCAGGG ACTTCATATA TTCTTTTCTA TTAACAACCC CTAATATAAT
170151 TCCTACCACC AATATCATAT ATTCTCCTTC CAACCAATAC CATCTGCTGC
170201 ATGGATATAT CCTGGAAAGG GTTTTGAAAT ACCCACACCA AAAAAGCTCTA
170251 CTAGCATTCT GGAAGAACAA ATTAAATCAA TTCATGACTT CTTGCCTGTA
170301 AGCACTGAAT GCCAGAAGAT AATGGAGCAG TATTTGGAAT GTTTCAGGA
170351 CAAAAGATTA TGATCCAAGA ATTTGTCTC TGCTTAGATG TTGTTCATGT
170401 CGAAGGCAAA AGAAAGGCAT TCTCAGATAT GCAAGAGTTC AGATATACAC
170451 CATCTTCCTG CTTTTTCTTA TTTTTTAAAA GAAGTACTTC AAGTCATGCT
170501 CCACCTAACT GATAAATGAA TCAAAATATT GTATCATAAA AGAATGAGCC
170551 ATGAGATTCC AAACAAGTCA ATTAAAGAAT TAAGTATATA TAATTAGAGT
170601 AATACGTTAC AATTCAGTAG CTATAAATTC CAACCAAAGA AAGAAAAGTT
170651 GGCCACAAA GCTGAAGACA ATAATAATAA TAAAAGGAAA AGGACAAAAG
170701 GAGAAAGCTC AATAACATAA ATAATGAAAA AATGTTTTAA AGAAAGTGAA
170751 GAGAACAAC TCTCAATGAC AATGCAAAGA CTCCAAACTG ACTAAAAAAA
170801 AAAACCATTT ACTGGCCAAG TGCAGTGGCT CATGCCTGTA ATCCCAGCAC
170851 TTTGGGAGGC TGAGGTGAGT GGATCACCTG AGGTCAGGAG TCAAGACCA
170901 GCCTGGCCAA TATGGCGAAA CCCCCTCTCT ACTAAAAATA CAAAAAATTA
170951 ACCGGGTGTG GTGGCGAGCA ACTGTAATCC CAGCTGCTCG GGAGGTTGAG
171001 GCAGGAGAAT CACTTGAGCC CAGTAGGCGG AGGTTGCAGT GAGCCAAGAT
171051 TGCACCATTG CACTCCAGCC TGGGCAACAG GGTGAGACTC TATCTCAAAA
171101 AAAAAA AAAA AAAA CCTATTTACT ATATACTATA TACAGTTTGC
171151 ATTAAATGTT GGCTACTAAA TATTCTTTCT TCAAGCTCAA ATCTTAGAGA
171201 TTAAATGAGC AATCCTGTGT TCTGATTCCA TATTACCTTC TCAAGCTACC
171251 TCAACCATGC CCAAAGGTTG AAATAGTGCC CAAGTGCGGT GACTGTCACT
171301 GACGGCTCCT ACTTAGACCT CTGCTCTGAT TTCCAGGCCA ATATGTCCAA
171351 CTGCCTACTT GACAAAGGCA CTTGAGTGCC TCACCGGCAA CTAAACTCA
171401 GAATGTCCAA ATCTAAATC ATGGTCTTTC CCCATCACTA ACCTTCCTGC
171451 CAGAAAAACA AATAAACAA ACACCAAAAA AGCACCATTC TCCAACCAGT
171501 GCTTCTATCT CAGTAATTGG TACCACCCTT CATCCATCTT CCTAAGCCAT
171551 AGATCTTTGA GCCATCTTTG TCACCTCTTT CTCCTGTAGC AACTCAATCC
171601 AATCCATCAT TAATATTTTT GGCTCTAAAT ATTACACACA TCTCAAATCC
171651 ATTCATTCT CTCTATCTCC AATACCACCA CTCTAATTCA AAATACAGTT
171701 TTTTCTCAAC AAGACTCTCA TAATCACATC CTAACCAGTC TCCCTGCATT
171751 CTTTCTTGCT CCCCTGGAAT CTGTTTTCCA CCCAAATACC AGAGTGATTT
171801 CTTTCAAAA CACAATTGGT GATTATGTCA ATCAGTGGTG TGCTGATAAA
171851 TGTTTAACAA CCGGCTCTCG GTGGGAAAAG TCCTAATTTA TAGCATTTC
171901 CAATTTCCGT AGTGTAATA CTACTACCGT GGATGACTTC AGTTGACCAG
171951 TCCAGTGATG TCATGGAACA CAGAGTCGGG AAGAGATACG AATCATCTGC
172001 CTTTATAAAT AGTAGTCTCC AGCATATCAT TGCTTGTAAG ACTTCTGCTT
172051 AAAACTGTTT AATAACTTCT CAATGCTTCT AGAATAAAGG CTCAAATTCT
172101 CAGCAGGATC CAAAAGATCC TGCATGGTCT GACCCTATTA ACCTTTCTAG
172151 CCTCAACTCA CACCATGTTT TCTTTGTTCT CCATGCCTAA CCCCACTAAC
172201 TGACAACACA CTCCTTCCTG CCACAGGTCA TCCTCCATCT GGAGCACTCC
172251 CACTGCCTCC CCCTTACCCA GTTTAGTTAA CAAACACATC TTTTGGAGCT
172301 GAGCCCAAGT GTCCCTCCT TAGGAAAGCC TTTCTGAGC CAATTCCACC
172351 AAATAAATT GTCCTTCCAT TGTAACCTTT TGTAGCACTT AGCTCATAAT
172401 GCCATATACC ATAAACATA GGCCACCATT GTAATTTTAC ATATACTTAT
172451 GAAACTATTG GCTGATGTCT GTCTTTTATA CTATACTTAG AATAAATACT
172501 ATACTTAGAA TACCCTCAGA AGAGGGTAAG CATGTATTTT TTTTGTGATT
172551 ACCACTGTAT TCTCTAGTG CTAACACTTG GCATGTGGGA AGTATTAATA
172601 CATTCTGAT GCATGAGAGA ATGAAAAGAC ACACACTTAA AGCCAAATGG
172651 CATAAGGAGA TTAAAGGAAA AAGAGTGGG GAAGTTCTGT TTGTCAAAAA
172701 CAAAAACAGA AAGCAAGGGT AGCAATTTAG AGGGGAAGTA GAATTCAGG
172751 CAACAACACT AAATGAGAAA AAGGGATGCC ATTTTATGGT GATAAAATCC
172801 ATGAAGAAGA TCGTGTGGTC ATGGAGCTTT ATGTACCAA TAACACAATA
172851 TCAGTGATTA CTGTTAGGAA TAAAAGGAAA AATAGGAGCA CAATCGTAGT
172901 GTGAGAGTTT AACATACCAG TAGAACTGAA CAGAAAGGCC AGGAGCAAAC
172951 CTTAGAACAT AGTGCTAACC TAACACAGCA TTTCAAAACT GTGAGAAAAA
173001 GGATCATCAG TTATTTTCAA ATGGTACTGG GCCAAATGAT TAAGTATTTG
173051 TTTTAATAAG GTGGATGACT TCATATTGCA GTTGATATG GTGGCTCTTC
173101 TAAAGCACT GTCCCAAAAC GCTCTTACAC GACATTAATA AACATAACAA
173151 GAAAAGGATT CTGGAGTCAA ATACATCTGC AAAACACCAT GGTAAAGCAA
173201 GTTAAGCAGA TATTTTTATT GCAGGACTTT TAACCATCTT TGGTGCTACT

173251 GTGCATGCTA CAATCCCAAG AGGGAAGTAT AGCACATGCT ATTCCCAGAA
173301 TTAAGTTGAGT ATTTTGTGAG ACTGGTGTGT CATGTTCTGC AGAAATCACT
173351 TGGGAAATGG TGGCTTAAAA AGTTAAATAA AACACATAAA ATCATAAAAAG
173401 ACCTCAAATA AATATGAGCA GATATTTTGT TACTTTTACT AAGGTGAGTG
173451 GGGCTTTTCT AAACCACATA AAAAAGGAAG ATACAATTAG AGACATGGTT
173501 GATATATTGT ATGACATAAA ATCTTTAAGC TTCTGTATAT CATAAGGCAA
173551 ATGAAAAACT GGGGAAAAAT AGTTGGAGTT ATGAATGACT TTACTATAGA
173601 AAGAGCTCTT AGTAATCAAT AAAAAAGATG ACCATCCACA TAGAAAAAGTT
173651 TGTGAAGAAC ATGAACAGAG GGCACACACA CACACAGACA TTCACATCCA
173701 TCCACCAAAT ACACATCATT ATTAATATTT AGATTCTGAA CCTTCCTAAT
173751 AATCAAAATA AGGCAAATTA AAACAGTTAA CAATATATTT TTGGCCATGA
173801 AATCAGCAAT TTTTAAATGAT AAAATTCAGT TTTAGCAAGG ATAGAGTGAA
173851 AGGGGACTCT CAAATGTAGC CAATGAAAAAT ATAAAATGGC ACCAACTCTG
173901 TGGCCAGTAA TTTGGCAGTA CTTATTTATT AAGTCTCTTT TTAAACATGC
173951 TTTTGATTCA GTAATTCAC TTCAGGCAAT TTATCACAAG GAAAAAATC
174001 AGAGATTGCC TAAAGATTTA TGTTCAGGA TGTTTACTGT AGCTTTGTTT
174051 GTCAAAGCAG AAGTTTTGGA AGCAGCCCAA ATGTCAAGCA GTGACTGGTT
174101 AAAGGAAATA TGGTGTGCCC CATATGATGA GATATTATTC AGTCATTAAA
174151 AATTATGACT TGTGGAAATA GTCACAAAAA GAATGTTAAG TTTAAAAGCA
174201 TGATATAAAA CTACTTCCAG ATTCCAATTT TATAAAGTAC ATATGTATAT
174251 TTATGTAAT GGAAGAACT AAGGTGAAAT ATAGTAAAT GTGGAGTTAT
174301 TCCTCTGAA AACATTCCA TTTATTTTAT AACATTCCCC CACAGCTCCT
174351 CATCTAATCC ATCAAACCAA GTCTTATCAA CTCTACTTCC AAAGCGCACC
174401 TTGAGTCTCG TCTGCTTCTC TCATCACCAC TACTATGCCC TAGTCAAAGC
174451 CACCATCATC TTTCATCTTT AGAAACTTAG AAGCCTCCCA TTGGTCTCCC
174501 TCCCTCCCTT TTTGCCCCGT TGCAGACCAA TCTCCATGCA ATAGCCATAG
174551 TAATCTGTTT TCAATGTAAA TCAGATTGTA TTACCTTCTG CTTAAAACCC
174601 TCCAGGGCTT TCCATCACA CCTTGAAAAA AAATCCTAAG CTTTTCCCTT
174651 TGCCATGGCT CGGAGGCCCC TGGAAATCCA CTGCTGCCCT CCTATCTGAC
174701 CTCATCTCCT GCCACGCTCC CTTCCCGCCT TGCTTCAGCC TTTCTAGCCT
174751 CCCCTCTTGG CCCAGACACC TGCCTGGCC TTGACACCAG CTCTTCCCTC
174801 TGCCTGCCGT GCTTCCCCCA GCTCTTTACA GAGCTGACTT CTCCTGAGGT
174851 CTCAGCTTAA ATCCACCTCC TCCAAGAGGC CTCCTGATCA CCCAGAGTTG
174901 CCACCCTGAC TTTACCTATC GAATCAATGT ATTTTAATTG TCTGCACTCA
174951 CGACCATCTG ATTTTTTTT TTAAGTACT CTTTCTGTA TTGTCTAAGC
175001 TTTGCCCATG AGAATATAAA TTCCATTGCA GGCTGCTATA TTCACTTAGA
175051 ACACCTGCCG GCACTTAGTA GGCAATAAAT GCTTGCCACA TGAATGAAAT
175101 AGAAATCAAA CCAAAAACAT TTCATTGAAA CTGAAAAAGG TAAATCATGC
175151 CAAACAGCTT GACTTACTAA CAGTGCTCAA AAAAATCAAA TACTTTGGAA
175201 AATCTCCAGG CTTGAAGGGG TGCCCTACCC TTGCGTGGGT ACCCCGTTGC
175251 CAGTTAGTGG GTAATCCTTC CCCCCTCTAA CCCACCAGC CAGAAAAATGA
175301 CACTAATATG GACAGGAGG TGGAAATGAT TTGCACAGTG TCCCTTACTT
175351 CAAAAACAAA TAGGACTATT AAGCTTTTGC AGGTCTCTGG GGAAGTTGTC
175401 CAGGTTTTGG TGAATTCCAA TGAGCTCTAG TTTTAAACAT GCAGGATTTC
175451 AGCTCTGGCT TTTAGTTCAC TGAAAAAGAG AACAGCTTAG ATTTTCTTTG
175501 CTTGCAACT CTTGAAATTT CTCTTCCCTT CTTTGACAGC CTGAGGAGTC
175551 AGGGGAGAG AGAATAGAGG AGCCAGATGC CTTTAAATGA GAAAGAACCC
175601 AAGAAGCCTT TTTGTAAGCC ATTTCTTAGT ACTGCTTAAA
175651 AGATCTGGGC CATGCCACAC ATAGCAAGGC ACAGAAGCAT ATGAAAAATT
175701 GCCAGATTTA GTGCTTGTGG CTTGGGGTGT ACTGCAAGGA TCTCTAAAGA
175751 TGGAGATTTG TTATGTTGCT GTGGATAAAT TTGAATCAAG TGTAATCCAA
175801 TGCTGCTGTG TGAAATCAG TCAGTTACCA AGTGAGTGGG CCTCGCCAGC
175851 CACCCACCCA CCCAGCATCC TATCTTCCAT AGGTTTCCAC TTGACACTGG
175901 AATATAAGAT TTGTAAGGAG CNAGATTTCT GCCTATTTGG TTTACCACCA
175951 AATCCCTGGT GCTTGAACA GCACATGCAG ATAGCAGATG CCCAATAAAT
176001 AATTGTTGAA TAAGTTAAAG GAGAAGTAAT ATTTTCCCCA TTTACTGAGC
176051 ACTACTGTG TGCTCACCT GGCTCAAGTC TCATAGCAGC TCGAACTCTT
176101 AATTCTCACA CCACCCACAC AAGGTAGGTT TGGCAGAAGG GAGCCTGAGA
176151 AATTAGGTAC TACAAATCTC TCGTGCAGTG CATGTCTATT TGAAAGTTTA
176201 TTTCTTTGTC AGGTTATTGT CTGATGTTCA TGGCATTGGG TAGATATTGT
176251 GGGAGAGGCA GAAATGTCAT TATGAAGAGA ATTTCTCTCT ATTAGCTAAT
176301 GTTTAGAGAG GCATTGTGAC ATACAAAAAG ACCATTGGTC CTGGACTTGT
176351 CACATCTGGA TTCCAAATTT ACCTCCTTCA CTAACCTGTG TGAAGTTCAA

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176401 CAAATCACAA CCTCTCTGAG CCTCTGTTTT CTAATCTATT TTTTAAAG
176451 ATAATGAAAC CAGTCTTGCC CTGCTTGAAT GGAGGTATAG TGAAGTGCAA
176501 TGACAGAACA GATGTGATTG ACAACTTATA CTTACACCCT CTGTCTTACT
176551 GAATTGTTAT TTAACCTCTCA ACTGAGGTAG GTCCATCAGT GTTGGCTCA
176601 GTTCATGGGG ATTTGTGTCT ACCCTGGGT ACTGGATTT TGCATATAAA
176651 TGAGTTCTTC TATATAAAAT GGTCCAATG TATCTGCAC TTAATAAATG
176701 CTAGTATCAC TATTGTAATT ATTAATGAAA AAAACCCCAA GGATTCATTC
176751 TGGACCCTGA ATACAATTTT TACCTAGACC CAGGTGGCCA ATGCGTTTTG
176801 TTTTGTGTGG TATTCAGGTT ATTTACTGAT GTGTAACAAA TTACCCCAA
176851 ACCCTAGCAG CTTAAACAAA CTACCATTGT ATTTTAGTTC ATGATTGTGT
176901 GAATAAGGAA TTAAGACAGG GCTCAGCTGG GTGATTTTTT TGCTTCAGGT
176951 GGCATTGACT GGGGTTACTC AGTAGTGTC GTAGCATTCA GCTGCTGGCT
177001 GGGCTATAAT TGAGGGCCTT ATCCAGTGTT ACCCACACAT CTAGCATCTT
177051 GACAGGGTCA GCTGGAAGGC TGGGCTTAGC TATACTCCTC CACCCTTGT
177101 AGTCTCAGAG TATCTCTCC CGGTCTCTCC TGCAGGGTAG TCAGATCTCC
177151 TACATGGTGG CTCAGGGGTC TAAGAGTGAG TGTTCCAAGA CATTATGTG
177201 GAAGCTGCAA GCCTTCTTAG CTTCAGAAGT CAAGTCTTGG CTGTTCCATT
177251 CTATTGTTCA AGCAAGTTAC TAAGGCCACA CCTAATTTGA GAGGAGAAAA
177301 ATTGTACTCT ACGTCTCAGA GGAAGGAGCA TCAGAGAATG TGTTGCCATC
177351 TTTAATCTAC CACAGGTGGT AACACAGTTC TCTTGGTAGT GGCTGCCCTG
177401 AGTGATGTGA GAGGTAATA AGAAGGCCAC ATCTGGGTTC AGTGGGAAAG
177451 TGCCAGATGT TTACCACTGT CTGCTGGGGG AATGGGGGCC TGGGGGCCCT
177501 ATATTTGCAA CCTTTGACTT AGAAATTTCT CCCTCATGAT GCACCCTCT
177551 AGGTCTCTCC TATTTCTTC CTATCAACAT GTATGTGCTG TTTTTCAT
177601 CAAAAGTCCA TTCTGGTTGC ATTTAATTAT TGTCCACCAG GAAGTTAAT
177651 AGAACACTTT ATTGTTTACC ACCACTTTC AGGAATGAAG GGGAAATCT
177701 TGTTTGTATA AGGTGTCCTT TTCCTCTAAG CCTCCTCTGC GGGGCCTTTA
177751 CTGAAGACTC TGCTGACCCC CCTGTATAGT TTTGCCAAGT TAGAGTTAAG
177801 CACAGCCAGC TAAGCATCTC AATATCCAGT TATGGGTGCA TTCTTCAAAA
177851 AACAGTCAGT GAATATCACC AGTGTTTTGT GTCTAAGGTA CATCAGGAAT
177901 TTGAGGAAGG GAAAGAGGGA GGAAGAGCA AGCCAATCTG TTATTTTGA
177951 AAGTCATATT TTACCCTTT GTTCTGTGGA GTAAGATTTT GGTATTAATT
178001 TGGCTAAAAA GACACGGGTG GTGCCGAGGC ATGCCGTAAC AGTTTTTCT
178051 CCACTTCTCT TGCTAGTTCA TGGGTGCATC TGTGACCAA CTGTAAAGGT
178101 CTCTGGCTTG GCTATTCTCT TCCCAAGTCC TGCTGAGATG ATAGTGATGA
178151 ATTGGAGACT GTATTCATTT CCATGGCAAC AAACATCACT GTCCTAGAGC
178201 CACTCTCAA ACCCTTTGCA AATACCACTT TTTCAATTAAC CCTAACCTCT
178251 GAGACATGTG GAAATCCATG CAGAAGCAGC AAGACCTACC CCACAGGGCC
178301 ACTCAAACCTG GAGCAAGACT AGGCTTCAGG GGAGCAGCAA GCTCCAGGTA
178351 CACATGAACA GCAGGTGAAA CAAAGACAAT TAACTAAATT GGTTTTTCTA
178401 CAATTGTTTC CTCTGTTGCA AAGTTTGCCC CTAGTGTGAA AGTCTCACTT
178451 TCAACTGTACA TTCCACACCC AAGCAGCTTT CTATCTAGAG TTTGAAAATT
178501 GCTTGGACAA GGAAAAATTG CACCTCACAT TTTCCAAGTG CTTGTATAT
178551 CTTATGGCTG TCCAATCTTT CTCAAGTACT AATTATGAGC ATTTATTTAC
178601 AGCTCACGTC TCAATACTC ATAGTATGCA GTGTGTGTCT ATTACCAATG
178651 ATTTGCCCAT TAATCAATAG AGATGCGAAA ACAAGAATAT GTGAACCTG
178701 GCACAGACCC AATTAACCTG AAATAGGAGA GAAGGGACTT TATCCTCTAA
178751 TTGAGTTACA CTTGAGGTG GAGTGAGCTG ATGGATTCTG GGAGGTCACT
178801 GAGGGATGGT GGCCTCATGC TGAAGGTGGA TGCCTCACGG GGAATGGATT
178851 CCTAAACTTA CCGTGCTCTG TTCTTCTTGT AGACAACCCA GGGAGTCCAG
178901 CAACCCATAG TACGGTGCAT CCAAGAGTCC AGAAACCCAT AGTACAGGGA
178951 ATCCAAATGA CCTGATAAGT CTTTAGGAGC CTGGAGATTC ACAATCAAGA
179001 GGACAGGCCT ACTTTTGAGG AAGGCAGGTT CTGGAGGGAG AGTGAGCTTA
179051 AAGTCAGCCC CCATTCTCTG TATCTTCTCT TGAATTTGCT GTTGTTCAG
179101 CTTATGTGGT TTCTTCCCTT CATCCCTGGG GTGGGGAGT CACGAGCATA
179151 GACCTGGTAC CAGGCAGTCC TGGGGTAGAA TCCTCATTCA GCCTGTGTTT
179201 CCACCAAGAA AATAGAAATA GGTTGTATTA TTTCTACCTC CCTTGTGAGA
179251 TTGTTGTGGA GATGATCATT TCCAGAGGGC ACTTTAAGCA GAACTTGGCA
179301 TGTGGTAAGA GCTCAGCCCA CATCAGTGCC ATTGCCATCG TCATCCTCAG
179351 GCTCATTGTA ATTAAGATG AAGGGGGCAG CTCCTCGGCA TTCATGATTC
179401 CATGGGCTGT GGGCGTCTTA CGAGCAGATT TCTGCTGATG TGAGCCAACG
179451 AGGGGCAAAT CAGTTTAACC ACATCTGGGA CCCAGGTTAG GGCCCTCCGG
179501 AGAAGAGGCT TTCACAGGGT AATGCTCTAT GGAAACTTTA GTTGTGGTT

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179551 TCTTCCCCTG ATTTATGCTA TCCTTAGGAT CCCACTACTA GGGCCAGGAA
179601 GAAATAACTG AAGTTCCTGC ATGTGAATAA GAAGGCAGTC ACTTATTTCT
179651 GGAAGCTACA GCTGAGACTT GGGGAAGCTG CTTAGGATGA TGACATTTGC
179701 ATTTACACACC ATAACGGAAA TGGTGCCTCT GTGTGTCGTA GTTACTCTT
179751 AACAAATGAAG CATTGCATGC CCACTACATG CCAGCCCTGG GCTGGCATTG
179801 ACAATTAACA GAAAAACCTT TTGGAAGAGT CATGTTAAGT TTAGTGGCCA
179851 TAGAGCAAGG AGCATCCAGG ATGAGAGAGC CCTCAATATC TGGAGTCGAG
179901 GTTGCTTCTG CAGAGAGTGA GGACAGGAGC CCCTATATGC AGCACCTCTG
179951 CACCTGGGCA CTCACTTGTG CTGTGTGACC ACTTGGTGCT CAGGGCCTCG
180001 GTCTCTGCAG CTGCTGCCAT GCTGAGAACA GCACAGGTGC CAGTTCACAC
180051 AGGTCTCATG CCCAGGATGT CCTTAGCAGA TGCCTCACAG TGGATAGCTG
180101 GAACCCAGAA TGGACCTGAC CCTTCTGTTG TTCGTGTCCT GTTGGCTCTG
180151 GACAGGGTAC CCTCCACAAG CATGTCAAGC AAGGCCCTGG GCAGCCCCTA
180201 CCCATGGTCC AGTTGGAGGT GGCAGCAAGG TGAGCTTAGT AAGGCACCAG
180251 CTTAGGGCAG CTAGGGCAAG CCAGAGAGTC AGAGATCACA GCCCAGATGG
180301 TGCAGCAGGC CCTACTTCTG CCATGATGCG TATGACAGAT TACATCATCT
180351 GTCTGGCATA CCCAGGTAAA ATAGATCAAG AGTCCTGCCA GTTCCACACA
180401 TTGGCTGCAA TCCCTTTTAT ACACACACAG TTTTTCATCG TGTAAGTGTA
180451 TGGCAATGAT ATTATTACAG GGATAAATTT AAATCCACTT GAAATTCATT
180501 ATCATAAAAC AACTCATTTT CAACTCAGCA CACCTGAGGT ATTGTTATTCT
180551 ACACATTACT TGTGACCTCC CAACTCACAC AAGTTGATAT CTGGGTATAG
180601 AGTGTGATTT TTCTCCCAT AGGGACTCCA GAAGAGTTCT TGAAATAGCT
180651 GCCTCCCCAG CTCACCTCT CACCCCTTGT GCCTGCCCAA TGTTTCCAGA
180701 AGGCGCAACT ATAGACAGCA AAGGTCCTGT GTGCACCTCC CCAGAGAAAC
180751 CCAAACCCTC ACACTTCTCT GGAGCCACAT GGCCAGATGA AACCTCTGAG
180801 AAGGAACCAA AGCCTTGTCT GTCCTGATGG CAGAAGTTGC AACCTGTAG
180851 GGCTTCTCAA CATGTGATCT AAGACCACAG CTTTGTAAAC TAACTCAGCC
180901 ACGGTCCTAG TTA AAAAGGC ACATTCCTAG ACCCTGCCTC AGAACTACTG
180951 AACAGAGTCA CTGGGTGTTG AGTCCAGGAA TCTGCATTTT TACCCCTATC
181001 GCCCCCGCCA TTCCCGCCCT TCCCCCGCC ATTGCGTGCA CTAATTGCTG
181051 GAAGCACTCA TGAGGAGAGC CGCCTGTGTT GTGTAGAACT CCCACCCCG
181101 CAACACACAC TCACTACCCC TTCTACTTAC CAACAGTTTCT CTGGGCTTGG
181151 GAGGTCTGGA GAAGGCAGTA GCCCTGCAAA TTGAGAAAGG CAAGCCTCGG
181201 AAGTGGACTC TTATATCTCT ACTGCCAAAA GGGGCTACAT CCTCTCAGGC
181251 CCCTGGGTTT ATTCTTGAG AACAGGGCTC AGCTGTGGGA GCTGATAAAA
181301 CAAGGGACCC TTCCAGTTAC TGAGCACCTT CTGGTGGCCC AACTGTGCT
181351 GGGCATTGCA CATGAGCCGT CTCTCGTCTT TGGGGAAGAT AGTAGTTGTT
181401 ATCCATGCTC TATAGTGTG GAAACTGAGG CCCAGAGAGG TTATGTGGCT
181451 GGTCCAGGT CACACAGCTG AAGTGAGATT GTAACCCAGG GCTGCCTGAC
181501 TCCAGAGCCT GTGTGTTCTC CAGTGGTGAC ATTGCTGGGG TAGTCTGGG
181551 GGGCAGTGTG AGCTAGTTCA TAGGATGGAA GAGTACTGTG AGGAATGTTG
181601 GGGTATTTC AAGTTTGATA AACCAAAATT CCTCTGGGCC GTTGGGCATT
181651 TGAGAGACGG AACACTGAGA ACATAAGACA TGCTGAGATT TAGGTTGTTT
181701 TAGAACCTGA AATCTCAGCT TACTCTCCC AGAACTTGTG CTGACTTTCTG
181751 GAAAAAGGAA ACATTTTACG CTGTTTGGG TTCTGGATTG CAGTAGCAGT
181801 GGTGTTTGCT AAATAAAGA AGGGAAGTGG AGCTTCTATC AGTGCAATTAT
181851 TAAAGCAGAA CTGGCTGACT GTCTCCCTGG GAAATAACGG GACTGAGGCT
181901 TGTGCTCCA GCCAGAGATT GCTCCTCCAT AGCCCCATT GCCACCGCTT
181951 CTACTACTTT TGCTCCACT CCCCAGCCAC CCAGTGATCC ACCCTGCCAG
182001 AATGCACAAT GCCGGCATTG ATCATTCCCC AACCCACGGT ACAGTTCAGT
182051 TTCTCTGCT GCTAATTGGC CATGAGAGCT CCGTTATGAG GGATCAGAAT
182101 TGTTAGTCTC TTCTAATGA TCTCTGTCTG GAGACCAACT TCATGACATT
182151 CTCCAATTAG GGAGTGCAGG GGGGGCAGGG CAGCGCTATT CATCTGCCCA
182201 GAACCCCAT GAAGTGACAT GGGCTCATT TGCAGGAGAC CCAAGCCACT
182251 GGTCTGCGG CTCAGACAG CCCAGGAGG CCACGGAGG AGGTCTCCCC
182301 CTCTCACCTC CCCAGACTCC CGGCTATCCT TTGCTCCCTG TGCTCTCCCT
182351 TCATGGCAAA GACTTTCTTT TGGTCAGGCT TGAAGGACAA CACTCTGTCT
182401 TCTGCTAGCA CACTCTGTGC TTTAAAAATT CCTAACTGGG AAAGATGACT
182451 TCTTTTGAGA TCAAAGGCAC ACTCTCAGGG ATGTTGGGGC AATGAGGAAG
182501 GTGAAAGCTA CAGAGGAAGT CAAGACTGGT CCACTTCCAG CTCCCCATAT
182551 GTGGAAGAAG AGAAGACCAA GGCCAAGAGA GAAGGGTCTT GCTCAGGGGG
182601 GGTCCCCAGC ACTTAGACAG GAAGACTAGA GCCCCCAGC TCATTCTGTC
182651 TTCCCTTCTC CTCACCCTAA CTTCAAATGC AGGCTCTTTA TCCTATGTC

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182701 CTGTTCTCCC TTTGGACCCA GCCAGCTTCT GGATTTCCTC CGCCACTTGG
182751 CTTATCGTGC AGTGGACAAA CCACACGGCT ACACCTTGACA GCCAGAAACT
182801 GGATCATAAG CTTTGAGGGC AGGATCCATA TCTCCCTTAT TCTCTGCTGT
182851 GTCCCAGGAC CTAGCATCTC ACCCAGAGTA GGAACACAGA ATTATTCAAT
182901 GAGTGAATTA ATTAATTAAT GCTTTAACTT TAAAGTTCAA ATGTAGAGTT
182951 TCAGAGAGGA ACCCAGAAGG GCTATTCAAA GAAATGAATA TCCAACAGTG
183001 GAAATTCAGA TATTACAGAG TCTTGGGAGG TCAGTTGGGC ATTAATTCTT
183051 TCCTACACAAG AGTCTGCTAA TTACTTTTCC AGGTTTTCTG CTGAACAATT
183101 TGAACCTACA TTCGACATAG CTTTCCCTTT TGTCTCTTTC TTAATATCTC
183151 AGCACAACTC CTGCTGTGGG GCATTGTAA ACCTCAGGCC TGGAGGGTTT
183201 GGCATGCGC GGTTAACAGC TTTGCCACCT GGGGATGGCA TTATCTCTGC
183251 CAGCTCTAG CTGACTTGCT CTGGGTCTCC TGCTGGGAGA CAAGACCAGG
183301 CTGGGACAGG CCATTCAAAC AGCTTGAGAG CAGCTCTTAA GACAAACCTC
183351 GGACTTAGCT AAGGTACCTT TTTTTTAGG TCACTTTGAA GAAATCTTAA
183401 TGTAAAAAAG ATTTACAAAC TAAAAAATTT ATAATAAAGT GTTGTCAAAA
183451 ATCTGTAACA AAATCTACAT CAAGTCCTTA TGGTGTCTGG AACATAATAA
183501 ATGTGCAATA CATGTGAGCC CGTAGATCTT TTCTATCAAT ACTCACTTGA
183551 AATAGATTAA TCCACAGTCT AATAGTTAGA CCCAGTCTGA TGCGCATAAG
183601 AAATGTTGCT ATATCTTTTG TTTTGTTTTT ACAGATTTTC TTTTGATTAG
183651 GTTATCTATT TGATGGGAAG GGAGGAAAGG CCTAGCATTT TCTGCACCCA
183701 CTGTGCACCA GGAACCATGC TAAGTGCTT ACATTTCACT ATGGCATGTG
183751 CTTCTCTCTA TGGGCTTCAG GGAAAGGCTT ATTCTCCCAT TTTCCAGATG
183801 GGAGAATTAG ACTCAAGATC TCAAGATCGT TAGACTCCAA AGCCAGTACT
183851 CTCTCCTTTA CGTGGTATTT AGAAGTGAGC CCAGCTATGG GAATGCTGCC
183901 TAGTGACCAC ATGGTCACTG CCAGCTTCCC TGTCCAGACC AGCCTTCCCT
183951 TGGCCTGAGA TGTGCCATAG TGCCTCTCAG AGGACACCAT CACGTATTCC
184001 TGTAGTGCTT GAGTGTACC AACCTGGAGA CGCCGTGGGA CAGCACAACC
184051 AGGGAAGTCG TAGGAACCC AGGTGCCCTT GGACATTCTA AAGACCATCA
184101 TCTGAGAGAC TGCTCGGAAA TGCAAAGCTC ACAAACATG TCATTTCTCG
184151 TCTCTAAGGT ATTGAATACA AATATCATCT CCTTTTATCT CCCATCTCCA
184201 AAACAGTCCC CTCGGGTTGT GTCTCTCTCA AGTGCTCTGT AAACCTCCCA
184251 AATTGTACAG CGGTCCCAGG AGATGCTTCC ATCACACTGG GTGATCATCT
184301 CATGATAACT TCCGAACCTG CCTCCTGCAC TGTTACAGGG TCTGGGTGGT
184351 TACCCGCGCA GCAGAATCAC TCAGCAAACG CTTGGATGTG CACTGACTTT
184401 GAACGGCTAG AAAGTTCAGG GGCACACCT GCCTCGGAGC TGCTGCATGA
184451 CTCGGGTCTG AGGTGTCCCC TGAAATCTTG GGGACAGGCA CTTCTTCTGC
184501 TGGCGTCAGA CAGAATGTGG TCTCCCCACA GGGAGCCCAG TCCGATTCTG
184551 CAGAGCCCGG CTCGGCCCTG CTGGTCTGCG GGTGCCCTTT GCCCTCGTGC
184601 ACACAGCGAC ACCTGGTGGT AAGCTGGTGA ACCGCCGGA CCCCAGCGCT
184651 GTTCCTCAGC TCTATGCTGG GCTCCAGCTC ACGTGCGCTG TGTGCACCGA
184701 GGGACTTGTC CTGGCACGTG CACACCCAGT CTTGTGCACC ACCGAGTACT
184751 CCGTTGTGAC AAAGTTATAC TCAGTTATGT ATGTCTTCTT CCTGCTCTGT
184801 GCAGAGAGCA GTCCCCTGGC CTCAGTCATG AGTCATTGT CTGTACTCAT
184851 TCTCAGAGGG GAAGAAAATG AGCTGTTTCT AACTACGTCT ATCGTCACCA
184901 CCCCAGTCGC CATCCTTACT GCCATCAACC ACCACCATCC CTGCCGTCAC
184951 CACTACCATT GCCTCCACCA CCATTAGCCA TCACCACCGC CTCACCGCCA
185001 TCATCCCCAC CACCCCTCGA TGACCACAGC CACCTTTGTG CCTTTACTAC
185051 TGTACCCCCA TGCACTCTGT CGCTCCTGTA GCAGGGGCTA ACTCCTCACA
185101 TAGCAGCAGA ATTGGGCAGC CCTGCCCCGCT GAGGTTCAG GAGGGAGGCT
185151 GAGGGCCTCT TCCACAGAGA GTGCTGTGAA AGGCTCTTGG AAGGAGGGCA
185201 GGAAGGACCC AAGAGAGCAA GGCAGAGGGA GGATGGGCCT TCTCCAGCTC
185251 CTAGCTGGCA GACAGGACAG CACGAGGTAC CGCTGGATG CATTAGGAC
185301 TGAAGTTTCT GCTGATGTCA ACGAATGCTG GAAATGTCCC AAGACCCCAG
185351 TTCAGGACTG CGCTCATCC AGGTGAGCAG TGCAGAGCAG TCAAAAGGGG
185401 CCAGGAAACA AGCCGCCCAT TCATTCTGTC AGTCCAAGAA CAAAGCCAGC
185451 GGGCCAGCTC CAACCTGTTG TGACAGAAAT ACCAGGGGAT CTTTTCTTTT
185501 TCTTCCATT TCCCCAGGC AGCAACTGTA CAAATGAAAC TTCAAAACTA
185551 GAGCTCGGCC GTTCAGAGCC TGCACAGCAC TGACCTGTTT CTGTTCATT
185601 TAGCCTCATT CTCTCAGAAG ACAGAAAGCC TCATTCATCA GAACAATCAC
185651 TTCAGCCCAG AGGGGCTTGG GTGTTGTTT TAAGACATTA CAACTTGCAG
185701 CCATAAAGGA AAAATGAAAT AAACGTGGCA AGAGTTTGA AGTGGTCTGA
185751 ATGACCCAAT TAAACACATA TTTCAAGTC AAACACACCT TTCCTAATGT
185801 AGAGATAGAA TTGTTAAATT TCACAAATTA CCATGCTCGA TAATTGTCTA

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185851 AGAGTAATTT GTGTAGGATG AACTGTGTTT CTATTTACTC TCATTCCCTA
185901 GGTGATGTCT TCTAGTCCCA TGACTTTAAA ATCTTCCATT TCTACATCTC
185951 CAGGGACACC TCCCTCCTTG ATTTTCCCCA CTTAGACACG TAATAGCCAT
186001 CCCATTCTTA AAGTAGTTAG AACAAATTCT TTGATTTTTT TTTTTCCTTC
186051 CAAACCTGGT CTTGACACGT TTTCCCCCTT TTAGTAAACG GTAAACAGCA
186101 TCCTCCTCAT TGTTACAGTG CAAACCTACA CAGTCCTTCT TACCCCGCCT
186151 CCTTCACTCA CACTACCTC CACTGTCTCA CCAAGCCCTC CGCTCTTCTT
186201 CAGTGCCCCC CAGTCCAGGC CCGGCTCTCT TGCTCAGACC TAGGCTGCCT
186251 CCCTGCTTCT CTTTTGCCA CATTCTGTC AATCCTCCAC CCAGCAGCCA
186301 GCATGCATTT GAAAGAACAT AGATCATATC GTACCACTCT CCTGCTTAAA
186351 ATCCACCAGT GGCTTGTTAC TACACTTAGG ACACAGCCAG AGCTCCCCAC
186401 CCAGCCTGCT TGCTCTGTCC CCAACTCGCC TCTAACCCCA TCTTTGCCA
186451 CGTCCTTCTT CTCTCCTTCA TCCCAATCAT CCTTCTTGCT CTTCCTTGAA
186501 AACATCAAAT TCACTCCAC CCGAGGGACT TGGCACTCGG TCTGGACTCT
186551 GATCCTTTTC AGCTTGTTCC CTCCTCCAT GCTGAAAGGC TGCTCTCTCC
186601 AAGAAGCCCT CTCTGACCAC CTTATCTAAA TATCCCTTGT CCCTTCACTC
186651 CTCATCTCCT TTTTGTAGTT TCTTTTCTT CATGGTACTT ATCACTTCCC
186701 GCCTGTCTCC TCCACTCAA TATAAGCTCC ATAAAGGCAG GGATTTTTGT
186751 ATGTTTTGTT CACTGCTATA TCTTAGCAC TTAGAATATG GCCTGGCACA
186801 CACTCAATAG GTATCTGAAT GAATGAATGA ATGAATGAGT GAGCATGATG
186851 CCCACCCAAA GCAGCTTGCT GCCAATCTTT GTGTCCTATG GGCTGTCATT
186901 CAAGGTGGCG GGTGAGGCTC ACTTGTTATC CTCCTGAGAG CAGCACTTAG
186951 AGATCATTTT TGAAGACAGC ACATAAGGCG TTGGAATGG CTCCCCCTCC
187001 TGGACCAGCT TGCCAGTGTT ACCCACCCTT AGGGCAATGG CCACCCCGTG
187051 GAAATGCACAC CACAAGGGCA AGCGAAGAGC TCAGCGAATG GGGGAAACTC
187101 TTATCCCATA TGCTCAGCTG TCGGGCCTGG GATCATGCAA GGGAAAGTAT
187151 ACAGACAGCA GGCAGGGGAG TCCCCCGACA GTGGCTGTAG CCAGAAGTGG
187201 CCACATAATT TGTAGGACCC ACTGCAGAAG GCAAATGTAG AGCCTCAGCT
187251 AGGGGTTTTCC TTTGGGCCCC CTGCCCCACC CTCTACAGAC AGACAACATC
187301 CAACAGCTTG CAACCCCTGT ACCAGGATGT GTTCAAAACC TGACTTGAAG
187351 GTGAGCAAGA GGCCCACTGT ATGCACCATG GTGCTATCAG CCTGGGCAGT
187401 GACAGCCATA CCCTTGCCCC GCCCTGAGAT GCCTGGTGGT GTGGGCCCAA
187451 CCATTGCCTC ACCCATACCC ACACCCAGGC CCCTGCCAGG GGTGGAGGGC
187501 AATGGCAGAA TGCTCCCTCC CTCAATGTGA CCAGGTCCT GTTCAAGGTT
187551 GAAGGCAGCA GCAGGGGTGA GTGGGGGAGA CCACCCAGGG GATAGGGGTG
187601 AGAAGCAGGC AGCAGAGAGC CATCCTGGGA TGCTGAGGAG GAGGTGAGAG
187651 TCAGGGCCAC ACATGAGCCG AGGCTGCAAG CCCTGGCACA TTCTCCACTG
187701 TCCCGTCACC CTTCTCGTAT AGAACACAAA TTCAAAGAGG ATCAGCAAGC
187751 ATTTCAAGAC AAGAACCCCA GCAGTAAGCC CCAAGCTCAA GGCCCTTCTG
187801 AGTGTGGGAC CCTGTATTAC TCTACAGCCA TGCACCCGTG GGCCAGCCCT
187851 GGCTGCAGCC ATGAACAGAG GGCCCAACAG CATGGGTGTG TGACCCCTC
187901 CTGTGTTAGA AGCATCTCTG CAGTTTGAGC AGCTCCAGAC CACACCAGGT
187951 CCCTGTTGTC CTCTTGCTCC TGCTGCTATG GTGGCACCAT CATTTGAGGT
188001 CAGGGAATTT GCACAGTAGT CCCTGCCTGA GAGCCCCCTT CATCTTCAGA
188051 GCCTAGAGTG GGTCAGAGCC CCTGCCAGCC AGCCTGCACA GGTGTGAAGC
188101 CCTGGATTGC TTGTTAAGAT TTGGGAGGAA TAAAGATTT CTTAAATTTT
188151 CACTTGAGAT TATTTAATCA CAAGTGTGGT TTGAACAAA AGTAAACCT
188201 GAATATGAAT TATTTTAAA TTGAGGTATA ATTTACATAC AATTAAATGC
188251 ATAGATTTTT GTCAATGATA TTCAGCACAT GTATACACCA TCACTCAATC
188301 AAGATATAAA ACATTGCTAT CAACCTAGAA AATGATCTTT CTAGTCAACC
188351 CTCCCATTC AAGAGGCAAG CACTGTTCTG ATTTCTAGCA TCGTAGATTA
188401 GTTTTAGCTA TTTTGAATT TTATGTAAGT GGAACCATAC AGTAAGGAAA
188451 CTTTGTGGCT TCTTTGACTC AAATCAGTA TAACACTGAG TTTTATCCAT
188501 GTAGCTGGGA AAATCCATTG CTCGTTCTCT TTATTGCTAA GTAGTATTTT
188551 ATTGTATGAC TATTACACAG TTTGTTTGT GATTCCTGTT AATGTACATT
188601 AGGTTCGTTT CCATTGCGGA ACTACTATGA ATAAACTTC CATAAATATT
188651 TTTGTATGTG TCCTTTTGTG AGCATAGTCT TTCATTCTC TTGGATATAT
188701 ACCTATGAGT GGCAAATAAG CACATAAAA GATGTTCAAG ATCATCAGTC
188751 ATTAGGAAAT ACAGATTGAA ATCAGAGTGA TATACCACTA CGCATTTAGT
188801 AATATGCCAC TAAATTTAAA CAAGTTGAAA GTTAGCAGAC TGACCATAGC
188851 CAGTGTGGC AAGGATCTGG GAGAACCAGA ACATTATAA TCTGCTGACG
188901 GGAATGTAAA ATGGTACAAC CACTTTGGAA GATGGTTGA CAGTTTCTTT
188951 AAAAGTAAA CCTTTTACTT TTAACCTATG ATCCAGCCAT TCTACTCTTA

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189001 CCTACTTACC CAAAAGAAAT TAAAGCATAT ATCCATAAAA ATACTTGTAC
 189051 ATAGATGTTT ATAGCAGCCT TATTCGAAAT TGTAAAATAT TAGAATCAAC
 189101 CCAAATGTCC ATTAACAGTT GAATGAATAG ACAAACGTGT GTATATCCAT
 189151 ATAGTAGAAT GCTACTCAGC AATAAAAAGG AATGAACTGG CTGGGTGTGG
 189201 TGGCTCACGC CTGTAGTCCC AGCATTTTGG GAGGCCAAGG CAGGCAGATC
 189251 ATGAGGTCAA GATATTGAGA CCATCCTGGC CAATGTGGTG AAACCCTGTC
 189301 TCTACTAAAA ATACAAAAAT TAGCTGGGCA TGGTGGCAGC TGCCTGTAGT
 189351 GCCAGTACT CGGGAGGCTG AGGCAGGAGA ATCACTTAAA CTGGGAGGTT
 189401 GCAGTGAGCC AAGATTATGC CACTGCACTC CAGCCTGGTA ACAGAGTGAG
 189451 ACTCCATCTC AAAAAATAAA AATAAAAAAT AAAAAAAGGA ATGAACTATT
 189501 GACACATGGC AAACTTTAAT GAAGCTAAAA CCTATCGATG TATTCTATAA
 189551 CATGAACGAA TCTCAAATA ATTATGCTGA GTAAAACAAG CCACACAAAA
 189601 CAAGAGCATC TACTACGTGA TCCCATTAT ATAAAATTAT AGGAAATCCA
 189651 AACTAATGTC TGATGACAAA AGCCAGATCA GACTTGGGTT GGAGGGACAG
 189701 GGAGGGGCAA AGGGAGGTT ACAAAGCGGC ATGAGGAATC TTGGGTGATG
 189751 TGTTTGTGTG CTTGGTTGTG ATATGGTTTC ATGGGTGTAC ATATATGTCG
 189801 AAACCTTTCA AATTGTATGC TGTATATAGG TGTAGTTAAT TGTCATTAT
 189851 ACTTCAATGA AGGTGTGTCC TTAAAAGTCA AATGACTGTA TAGTATAATG
 189901 CTATTTCCGT CCTCTCAGTC ACTCTCCTTA TTCAAGTACC ACATGGTCTT
 189951 ATTTTTTGTA GCTGTATAGT AATTCATGAG TTAAGGTAGC ATTTGTTCTC
 190001 CAAGCTTGTT CTTTTCAAG ATTGTTTTGC ATATTCTATA TAAAGTTTAT
 190051 TTCTTTATTT CTATAACCAT TTCCATATAA TTTTLAGAAT AGCTTGTCGA
 190101 TTTTTTTCAA GAAGTCTGGT GGTATTATGA ATGAAATTGT GTCAAATCTG
 190151 TAGGTAAATT TAGGAAGAAT CCACATCTTA GATATATTGA GACTTCTAAT
 190201 CCGTGAGCAT ATTGACCTGT TTCATGAATT ATGCTTTTTA CAGAATTTTT
 190251 CATTTTATCT AATTTGTCAA ATTATTGGTG TAAATTTCT AATACCACCT
 190301 AATAATTTCT GATGTCTGTA ATAGCTATAG AAATACTCTT TCTTTCACTC
 190351 CTGATATCGG TAATTTATAA TATCCATCTT TTTTCTCTT GATCAGACTT
 190401 GCTAAGAATT TATACATTCA TAATTTTTTT AAAGAACCAC ATTTTAGCTT
 190451 TGCTGATTTT TCTCTATTAC TCGTTTTCTA GTTTAGTGAT GTCTTTTCCT
 190501 TACTTTTGTT GTTTGTGCTT CCTTTTGGTA CACTCTTCC TTTTCTTTA
 190551 TTCTTGAGGT GGAAAGTTAG TTCCTGTCT ACTGATTCTT GTTGTCTCTG
 190601 ATCATAAGTG AAACCTCTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTAAG
 190651 ATGGAGTCTT ACTCTGTAC CCAGGCTGGA GTGCAGTGGC GCAATCTCAG
 190701 CTCATGCAA CCTCCGCTC CCGGGTTCAA GAGATTCTTC TGCCTCAGCC
 190751 ACCCTAGTAG CTGGGATTAC AGTTGTGCAC CACCACGCTT GGCTAATTTT
 190801 TGTATTTTAA ATAGAGATGG GGGTTTCACC TTGTTGGCCC AGCTGGTCTC
 190851 AAACCTCTGA CCTCAAGTGA TCCACCTGCC TCAGCCTCCC AAAGTGCTGG
 190901 GATTACAGGT GTGAGCCACC ACACCCAGCT GAAACCTCAT TCTTATTGTT
 190951 CCCCTGAAAA TAATGTGTCT TTTCTTCTC TGGCTGCTTC TTATGTTTTC
 191001 TCATTATCTT TGGTTTTAG TTGTTAGATA ATAATTTGCC TTTGTGGTTT
 191051 CCTTTGTATT TATTTTGCTT GAGGATTCCT TGCTTCAGAT ATTGAGTTGT
 191101 CTTTCTTCAG TTTTGTAAT TTTTAGCCAA TATATTTTCA AATATTCCTT
 191151 CTGCCCTATT CATTATCTCC TCTCCTCTG AAATTCCAAT TACATGTATG
 191201 TTGGTCTTAT TCTTATGTC CCACAGTTCT CTAATGATCT GTTTAATTTT
 191251 TTTTTTCATT CTTTTTCTC TCTGTGCTTC AGTACAGGCC TTTTTATTA
 191301 TTGACCTGTC TTTGAATTCA TTGATCCCTT TTTCTGCTAT GTCCAGTCAG
 191351 CTCTTAATCT TATCGAAGCC CATTAACTCT TTATTTTCTA TGTTGTATAT
 191401 ATCAGTTCTA CTAAGGCTT GTTCTTCTC GGAATATGAT TGACTTAGAC
 191451 ATATATTCCT TCATTACTGC CCCATGGCTT TAAAAAAGAT ATGAATTTTA
 191501 GTTTATTTGG CATTTTTGT TATGAGAACA ACAATCTTTT TCAAACCTCT
 191551 GTATCCTAGT TAGAAGTAGA ATTCTGTGTA CGCAATTTTG GATGCCCTAT
 191601 TTTTCAAGT ATGTTCAATA TTATTGAAA ACTGCAAGTA CAGTACACAG
 191651 AACTTCCCCA CATCCTTTAC CCAAAGACCT CATTCAAATG TTGCCAGCTG
 191701 TCTTAATATG TCCTCGATAG AAAGAAGATT CAAACCAGAG CACTCATTGC
 191751 ACTTAGCTGT CATCTGTCTT CAGCCTACTT CAATTCAGAA CAGTGCTTGA
 191801 GTCATTCTTT GATCTTTATG TCCTTAGCAG FTTTTAAAAT TACAGGCCAC
 191851 TTATTTCTAT TAGAGTTTGT CTGATGTTT TTCATGAACT TTTGGCAAGA
 191901 ATATTACTGA AATTATGCCG AGCTCTTCTC CCCACATCCC ATCAAGTAGG
 191951 AATTTATGTC AACTGGTGAC ACCACTGGTA ATGTTAATTT TGATCACTTG
 192001 AGTAAAATGA TATCTGCCAG CTTTCTCCAC TATAAACTTG TCCTGTTTTT
 192051 CTTTAAATTT AATAAAGTCT ATAAAAGTAA TAAATGTTTT CGGATGAGAT
 192101 ACTTTGAGAC TATGTAAATA TCCTGTTGTT TCTCTTTCAC CCGCTAATAT

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192151 TAACATGTCT CAATTCTGTA ATCAGAATTA ACTAGTACTG TGATTGCCAA
 192201 ATGAAAATGT TCAGTTCCAT CATTTCTTCT ACATTTACAA GTTAAAATTT
 192251 ACTGTAAAGA AGAGTTTCTC TTGTCCCAT TTATTGTTC ACTTTTAA
 192301 AATCAGTTCC ACCAAATTAA CAGAAAGCTA TTACCCATTA CGACCTTACG
 192351 ATTTTCATGC TTAAATATGTC CCAGACTTGG CCAGTAGGAG CTTCTTCAGA
 192401 CTGCCTTTTA TGTCTTTTTT GATGCATCTC ATGATTCTTT AAGTGATTCC
 192451 TTACTTTCTG GTACAAGATG TTCTAGGCTA TTCTTATTTT TTCCTGCCC
 192501 CTTCCCTGGA ACAAACCATT TTTCAAAGA GCCTTGGTTC TTCTTAGTGG
 192551 TGAGCTATTT TGAGAAGCAA AGATGTGAGC GTTAAACGTG CTCCTTGCTA
 192601 TTGGGGTTTT GCTGCTTGCA GATTCTCTCT GAAAGCGGGG TAAGGACCTA
 192651 TGTATACATA GACACATACA CATGTATCTT GAGCTATAAA CTGTGAGTTC
 192701 ACTTCAATAC CTCCAATGCC AGTCCAACCA CAGAGTTCAT TCTAGTGTTT
 192751 CCTCTTTTCA TATTTGTAAT TCTCTTCTTC CATGAAAAAC CTAGTTCCCA
 192801 CTGTCCTCAA TATATTTATA TACTGTTAGA TTCTCCTGCA TATAAGATAA
 192851 CCTCCTGCCC CTGCCACGCT GCCGCACCAC TCAGCCACCT TCCTGCACCT
 192901 AATCCACCTT TGCCACCACC TGCCTCAGCT GCTACCGGAG ACCGACAAAG
 192951 CCACCCTCCC ACTTGTGATG TCCCTTTTCT CGTGGTGGCT TTGACCCCA
 193001 CTTGGCCACC ACCATGCTCT GCCACCTCCT CTTTACTATG ACTTTTGA
 193051 GATAAAACAT AGTTAGAATC TCCTCTCCTT GGAATTAAAA AAAGGTGAAA
 193101 GTCATTCTTA TGTGTTTAGA GTTGAAATCT AAGTATATTA ACAAGAATCA
 193151 AAAATAATTT AGTTTGGTT AATGTGACCT GCTCAGAAGA ATATTTTGAT
 193201 TTTTAAGATT GTCTAATTTT GCCACCATAA GTAAGACTGA GCCAGTACTT
 193251 AGAATGACTT TTGTCCAAGC TTTAGGTGGA AATACATCAA CGACAGTGGA
 193301 GGGTAAAGCC TTCACCTTTC GATGCTACCA TCTCAGGAGA GCCGGACAGT
 193351 CAAACAGGCT TGTCTGACC AACATAGATG AGAGATCAGA TGACATTATA
 193401 GGTGAGACC CACACTGTGG TGGGCCTGCC TAAAGCAAGG CATTGCCTGC
 193451 TCAGAAGATA CTTCAAATC AACTCAGTCT TTTGATTTCT TCTATCAGAA
 193501 GTGGCTCAAA AGGAAGTAGT CACTGACCTT GTATTTGTAG CCAGCCACAT
 193551 CTACATATCG AAGAAAGAAA GTACTGATGC TAAGGGCTTC TAAGTTGGGT
 193601 TTGGAGGTGG AAGAGAGGTG CATAGGTTAT TGGTAACAAA TGTGTCCATT
 193651 TTTTCTCTCC ATTGTATCCC ATTAATAGGC TTCTCTTTAT TGTTTAAATT
 193701 CCTGGTGGCA GGAGAGTTTA AACTTGCTTT TAACATGCAG GTGGGCTCAG
 193751 GAAAATGAAA ATAGGCTGTC TGGCAATAAC CCAGGCTCCT AGGGTCTTC
 193801 TGCAATAGGA ATTGTTCTTG TCTCTTCTCC AAAGGGCTAA ATGGTGCCGT
 193851 GTTGAAAATA ATACCCGGT ATTTACCTCG AAGTGTTCCT TTAATTGTG
 193901 GATTCTGTTT TTAAGAGTCA TAATCTGACT TTTGCCCTCG GCAACATAGC
 193951 AGATAAATAT TTTTAAAT CTTTAAAT ACTGATGTGC TTGGTAAGAA
 194001 AATAAGGACT ACCTAGAGGC TAAAAATACA AGTGAAATCA GGAATCCAGA
 194051 GAGGTAAGAT AGCTGTGAGA CTGACTTTAC CTTGAGGGCT TTTGCCAAAC
 194101 TAGGTGAACG TTGGTTTGG TTTACATACC CTCCGTGGCT CAGGATACCA
 194151 AGGACAAATC CCAGGGTCCT TCCGAGGTAG GCATATGTGG AAGGTTCCCA
 194201 CTCCCAGTCC CCTATATATA TACACCTGGG CCCCTCAAGT GCTATATCTG
 194251 CAGTGTAAGG GTGAACAAGA AAGAAAGAAA TCCACCCAGT CCCAAGGACT
 194301 GGCAAGAAAA TGTCTCTGCC TCAAATCTTG GCACTGAGTA GACAGAGAGA
 194351 AATTTCTTTG AAAATTTATA ACCATAGACT GATCGCCAGA AGGAATTGTA
 194401 GCTCATATGC AAATACCTG AGTAACCTGA AAAATCTCAA ACATAAAATT
 194451 TAGTTTAAAC CAGAAATGGT GAGTCTTGG GTGCCCCGCA CAATCAAGAA
 194501 GAGCCTATAT CCAAACTATA TCTCAAAAAA TTTTCACAGA TTATATTCCA
 194551 GAAAATGTGA GCTCTTTTAA AAAGAAATCA AAACACCAA AGGAGAAATG
 194601 CATGTAAGAA CCAACAAAAT CTGTGAATAA CAAATGATA CCGAATATAA
 194651 AATATGTATA TTTAATATTT TTTAAAAATT AAAATATGA TTGAAAATCA
 194701 AGAGATTATA CAAATGGCCA ATCATCTTTA TGAATGGCTA AAAAGAACTT
 194751 CTGAAAATTC AAAATTCAAA ACTCAGTGGA AGAGTGTAAC AGTAGGTTAG
 194801 AAATAGCTGA AGAGTTAATT TAAGAGCTGG AAGACGGATT TGAAAAATTA
 194851 TACAGAATGC AACATAGAAA AACCAAAGAT GGGAAATGCG AAAGAGATAA
 194901 GAGATACTTA AATAGAATGA AAATTTGTAG CATATTTCTA ATTAGAATAC
 194951 CTGGAAAAGA GGGAGAAAAA TAATGGAATA GAGATACCAT TTAATGGAAG
 195001 ATAGGTAAGG ATGTTCAAGA ACTGATGAAA GATAGAAATC CTCACTTTCA
 195051 GGAAACCTGA TGAATTATAA GCAGAATAAA TGCAAAGAAA TATGTGTGTT
 195101 TGCATCACAG AGAAATTGCA GAAAACCAGA GAAGATGTTA AAATTATCCA
 195151 GACATCAAAA ATGGATTACC TATAAGGGAA TGAAAAGGCT ATCAGGTAAC
 195201 ATCTCAACAA AGCCAGAGGG CAGGGGAACA AAAGGTTTAT CAAGTTGAAA
 195251 GAAAAAAAT ACACGAACAT AAGAGTAATT ACACAGCATA AAAAATCTT

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195301 TAAAATTAGG ATAAAATAGA CATTTTAGAC AAACATAAAG AGAATTTGAG
 195351 GTATAAGAAG GAATTATGAG GAATAAAGAC AGACTCACAA TATACAGTAT
 195401 TGTCATATAG TTACGTCAGG AAAGGTTCTA AGGTGTTCTA AGGTCTTTCA
 195451 TGGGGAGGGT TAAAGTGTTG ATTATAGACT TTGGCTTAAT TATACATTTT
 195501 AAAATTTGAG ATAAACAGTA GAAGAATAAA AGAGATATTT AATTTTATA
 195551 TGAGCAGAAG AAGAAAATCA GGGTGAAGTA TTTGATTCAA AATAAGGAAC
 195601 CAAAAGAGAG AAAGAGGACC ACAGAAAAAG GCAAAATAAC AATCTAATAT
 195651 AAACATAATA AATAACATGT TTATGTGGGG GTACTATAAG GACAATGAAT
 195701 GAATCACCAC TATATGCAGA CATGGGTGTA ACTAAATATC GTGGGAGAGC
 195751 AAAAGAAGAA AGTCTCTGAT GAGTACATAG AGTGTGATTC ATTTATATAA
 195801 AGTTCAAAAA CATGGAAGAC AACATACTGC ATAGAAATAC AAAGGTGAGA
 195851 TAAACCAAAA GAATGATAAA CACAAAATTC AGGCTAATGA CGGTCTCTGT
 195901 GTGGCAATGA GGAATAGAAA CTGGAGAGGG ACACATGGGA AAATTCAAAA
 195951 TGAAGACAC CGTTCTTTTT CTTAAATGA ATGGATTCAT CCGTTTGTG
 196001 TACGATAATG CTTAAGCCAT CCATAGAGTG GATAAGTGTT CTTTCTGTG
 196051 TACTCATTAT TTAATAGAAA TAATTTAAAC ATTTATAGTT ATTCAAATTT
 196101 GATTTTTTGT GTGGTGTGAA ATAGGTTTCC AATGTTGTTT CATTCTAGGT
 196151 GGATAGCAGG TTGCCCCAGC ATCATCTATC AGAGAGCTAT CATTTTCCCA
 196201 TTGGAGTGGT AACTCTTATT ATACATCTAA TTTTCATATA CATTGGCATT
 196251 TATTTCTGGA TCCTGTTTTT TATTTTATTG CCAAATCTGC AGTCACTGAT
 196301 TTGCCTTTTT CTAGTTTGAT CTCATATTGA TTTTATCACA GCAGCTTTCT
 196351 GGGTTGAATG TTCTAGTATC TGGGAAGGCA CATCCCCCTA CAGTATTCTT
 196401 TCTCTTATTT TCCTTGTTTA TCTGGGGGCA CTTATTACTT CAAATGAAC
 196451 TTTAAGATC ATTTTCATCTA AGTCTAAAT GATTGCATTA AATTTGTGTA
 196501 TTTATGAGAA TGTCTTCCTA CCCACGAATA AGAAATGTTC CAATCTTATT
 196551 TTATGACCTT CAATAGGGTT TTACAGCCAT TTTTATATA GGTCTTATGG
 196601 CTTTCTTGTC AAATTTGTTT ACTAATATTT TATGGTTTTT ACCATGATTA
 196651 TGAGTAGGTG GTTTTTCCGT TTTTCACCTC TAATTATTTA TTGCTACTGT
 196701 TGAGAGGAAT GATTAATTTT GGCATATTTA TCATCTGTCC AACTAGTTTC
 196751 ATAATTCTCT TATAATTTTA ATATTTTTTC ACTGGAGTCT CTTGGATTTC
 196801 TAAGTATACA GATACATAAT CATCAAAAAG AGATCGTTGT TAGCTGTCTT
 196851 TCTTTTCCAA ATGTTAATGA TTATTTTATT GTCTTGCTTT ATTATACTTC
 196901 CTTTATGAAT AAGAATGATG ATAACAAATA TCCCTGTCTG GCTCCTGATT
 196951 TTAATTGGAA ACAGTTAGTG ATTGGCTATT TAAGGAGTTT TCTTCTATTT
 197001 CTTTGTCCCT AGAGTTTAA ATGGAATTAT TACTGTATTT TAAGACTTTC
 197051 TTTATTTCTA TTTTCACTCT AGGTTTGGAG ATATGTCTTC TTCTTGACCT
 197101 TGGAAGACTG GAGTCTTAAT AGTGACCATT GTCTCCTTAA ATTGCCCTGA
 197151 TATTCTTAAC CTTGGAAGAC TTGACATCTC AATAGTGACC ATTATCTCCT
 197201 TAAATCTTTT CCTGAAATTC TCCTGATTTT CTTGTGGGCT CAAAAATCAT
 197251 AGTTCCCCCA AAAGCCTTCT TTGTGCTGTG CTTGATTCTC GTGGCATTTT
 197301 GGTATTTTGT TGCTACTATT TAAGGTGTCA CTCCTCCTCT GCAGTAGCTG
 197351 TAATTTCTAGT CATTTTTTCA GAGGCTGGAG CTCCAGTGT ATATGGTTCT
 197401 TTTCCATAGC CTGTTTGAAG GCAACACTGA AGTACCTTAA GGCAGTGGTG
 197451 GTCTCACAGA GAGTACCTGA TAGGGCAATT GCTGACCCTG TGAGCTTCTC
 197501 ATAGAAGTAG ACAGGTTGTC AGGCCCCAGT GGAGACCCCT GGTCTCCACA
 197551 TGCTCTTCTG TACTCAGGGG TAGAGCAGAC CAGCCCACCC ATGCATTACG
 197601 GAAAGCCAGC TTCCCAAGAC CCTCAGGCC ACCTGTCAGA GGCTCAGCC
 197651 ACTGCTTGGC TCGGTTGAGC CAGGGGATTG AAGTTGAGAA TAGATGAAAT
 197701 CAGATTGTCC GATATTGTTA CTAAGCTTTG TCTTGATATT ATCCAGTGCA
 197751 TGTTTTTATG GCTGATAATC CCGTTGAGAG ACAAGGGCAG ATCCTTGAGA
 197801 GGAGAAATTG AAATGCTCCT GATTAGAAAA TGGTAGTTTT CTGTGCTAAT
 197851 ATTAGATATT TTAAGTACG CATTTTTTTC TTTAAAAGTA GAATGAAGGA
 197901 GAAAAGCATG TTGTTATTGT GAGACACATC TATGACAAGT GATCCAACCA
 197951 AGGCAAGGTG CGGACCGGGG CGGCCCTTGT ATGGCAGGTA AAGGGCCCTG
 198001 GAAGAATTTA GCTCCCCATC TGTGCTGGCA AGTCTCCAAG GATAAAGTGA
 198051 CAAGGAGCAT CACGGCGGCT CACAGAGTAA CTCCACAGTG ATTCTTGAAA
 198101 TAATTGGAGG CAGCCTGGGG TGTCACGGCC TTGAATCATT AGTTGGTGGA
 198151 AAAGCAGGAA GGAACCCACG TAGTGGCGCA TCAGCGAGAC GGTGCAGACC
 198201 GTGGAGAGCA GCAACATCTG GTCCCTTGG CTCCAAGACG GAGGGAGCCC
 198251 AGAGGAGCTG GGGAAAGTGA CAAAGGAGCT AAGTACCTGA AGGAAAAATG
 198301 AGGGCCGGTG ACAGGGAATA AGACAGATGC GAGCTGAAGA GGCTTTAGGC
 198351 AAAGAAAAGG AACTCGGGGG TAGGAATATA TTTGGAGGAA GTGTCTAAAA
 198401 CAAAGCCGTT TTGTAAAAGA AACTCTCCCA AGGGCAGAAA TCGTATTGTA

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198451 CTTGACATTT TTATGCAGCT TTTCTTCCCA AGAAGGTCTC CAAAATAACC
 198501 CTTCAAAAGC CGGTTGAGAT AACTTGATAG GACAAATAGA GGGAAAAGAA
 198551 AAAGGTTTGT GCAGTTTTAT TGTAGCCAAA AGACATCCAA GTTAAAACAC
 198601 AGGCTCTGAT GTACATCCTC AATTCACAGA TGTGGGATAA TTTTTTCCAT
 198651 CTCAGGGATC TCTATACAGC CCTCTCACGT ACCCAGGAGG AAAGTGAAGG
 198701 TTGCATGTGA AAGAGACACA CCTGTAGAT CCCAGGTCGC TATTCTCCCA
 198751 CCGAGGGCTT TCTACAGTCT CCACTCTTTC CACTCAATCT GTGACCATGT
 198801 CTGTTTCTGT AAAACCATTT ATGGATTACT CAGCTCTCTA TCCAGCCAGT
 198851 CTTGGGTCTC TGCAGCATCT TCATCAGATT CAGTCTCCA CCCAGCCCAA
 198901 TCTGTGCCAG GCCTGGTGCT GAGCTCTGAA TGAAGTGGAG CCTGGTCCCA
 198951 ACCCTGAAAC CACAGACACT GCCTGATGCC CAGCCTGGAG TTCTGAGCAG
 199001 CTGTGAAGGC GCTGCTGGGG CCCTGCCTCG GGGCCTGCTG TTCCGTCTAA
 199051 GGAACCACAG GAGCGGGGGT CCTCAGGCCA GCAGGTTGGC AGCCTCCTTT
 199101 AGGTGGAGGA GATCTGGGAG GGCTGGGGGG AAAGCTCTGG AAATGGTGAG
 199151 TCAGGTAGCT TCATTATTGT CACAGACAGC AGATGGGGAG ATGACACACA
 199201 GTGCAAAGGG CTCCCAGAAG GAGGAGAAAC CATAGGACCT GTCTGTAGCA
 199251 GGTGAGCCTG AGAGGTTTGC AAGATACGCT GGCATTGGGC CCAGGTCAGG
 199301 GGATGCCTTT GAAACTGTCA CCAGGGTTCC TCTGGCAGGC CAGCGGCCCT
 199351 GGTGACTACC TGACACTGCC CTTAGGTGTT GAGTAGAGCC TGCAGTTTGT
 199401 GCTGTGAGTT AGTTCCAGTC ACTTTGCCCT AAGAATGTAT AATTTTCAGAC
 199451 TCCCCTACCT TGGAAGCCAG GCGGAGTTTA TAAGGGTCCA GTGAAGCCCT
 199501 GGGCAAGGG AAATTGCAAG GGAAGCATT CTTTGGGTA TTTTGAAGCA
 199551 TGCTATTTTG CATCTGCCTT TTTAAAAACC ATTCAATACT TTCAGTATAA
 199601 ATATGTTTCA CTTTCCATTA AGGCTGGCCT CCCGAAGACA GCAACTACCC
 199651 CACATGTTCA TGCACCTGAA TCAGTAAAAC CAAATGGCTA CTACTTTTCC
 199701 AGTCCTATTT ATTCAACCTT TCACCAATTC AGTGTCCGAA TTGAGCACTT
 199751 ACTAAGTGCC TAGCTCTCTA CATGAATTAT CTCATGTAAT CCTCAAAGCA
 199801 ATCCTGTAAG GGGCAATCCC GTAAGGACCA TTGTTATCGT CACTTTTAAA
 199851 TAGGGAAGG AAGGTGGAAC CTTGCCTGGG CTCACACAAC TATCAGCTGT
 199901 GAAGGAGCAC AGGACTGGGT GGAGGCCAAG GTTTTACTGT GTTACTGTGT
 199951 TACTTGAGAC CCAGCGGGAT CAACACAAGT ACCGTAGGAA GTTCTGTTGC
 200001 AGCACTCCCC CTACCCACC CCGCCCCCG TCCACCCCG CCTCAGTGAA
 200051 GAGGAGCTGC ATCCTCAGCT CGGTCAGCTC CCCCACAGCA GCGTGGCCTC
 200101 TGGCTCCAGC CCCTTCTCCC TCTGCTCCAC CAGGGGACTT TCCCAGGAGA
 200151 AAGTTCTCTC TGTCTCAGTA AGTCTCAGT AAGTGGCTTG GAGCCTCAG
 200201 TTCCTGCCTT TCTGGGTCT TTTTGTGAGG CTGGGGGCTC TGAAGGAAGA
 200251 TGCCCCAGGC AGAAGAAAGA GATGAGAGTC CTTGGCAGCT CCCTCAGGTG
 200301 ACGTTGGTTA CTGCAGGGAT TTGGGTGGTA TTGAGAAAAT TATCCAAAAC
 200351 TTGGGAATAA GGGAAAAGA GGGTGGCAAG TCCTCCCTCT GGGACCTTGT
 200401 TTACTAGATC TGCCCAAGGA TTACTTACTG ATCCAGGCTA GAGGGTTACG
 200451 TCTTTGTTCA ACTCACAATT TGCCGCTGAT TAAAGGCCCA GACTGTGCAG
 200501 TGACATGTTA ACTTGACAT TTGTTCCCAG TAAAAATGCA CATGGTTCTT
 200551 TTTGGTGGAA AAGAGAACCC GAAAGTTTGT GGTTTCTTA CCCTGCAGAT
 200601 CACTCACCTA CTGTGTGCCT AGCCTAGGCA TCTCATCCCA ACCTTCTTTC
 200651 TCCAGTGCCC ATGTGGCTCC TCAAGTCTC CTCTGAATCA GCGTCTGCAC
 200701 TGTGGGCTCT CTCATTAAGA AAGCAAACAC AGCTTTAACA TATGCTCACT
 200751 TTAGATTATC GTGACAGTCA CATTTTAAAG TTTTGAATAA GTATGCTTTG
 200801 GCACTTGTTG TTGGTGTGTT ATCTTCAGCT GTGACCAGAA ATAACCACCT
 200851 CCAAAGCCG TGCCAGGGA CATTAGACAA TATGTAGAAA CCTATCTGTG
 200901 CTTTGGTTTC ATACAAATTG GTTACATAGA AACTCTTTTG GCAGAATTGA
 200951 CAGGCCTCCT GACAGATGAA AGGTGTTTCT TCTCTTCTT TGTTCCAGGC
 201001 ATTTCTGACT TTGAAGTCAA TTTGTCAGAC CTCAGGTTAG GATCTGTAAA
 201051 CATTATGCAT GGCAGGTTGC ATTACCTTCC AGCAATGGAT AACCATGTGT
 201101 TTCTGTTGAG CTTTGGGATT GGAGAATGTG GTCAAGTCTT TCAGAACTGG
 201151 TCAAAAGCT TCTCAAGT GCACAAGCAC CTCAGCATA AGGCTGTGCT
 201201 CACCGGTTGA GTTTGAAATC ACCTGTGGTC ACTGAGAATA CATCACATCT
 201251 GCCCAGCAGT CACCTGTCCA GTTTCAGGCA AAATAGCAGG AGAGGAGACA
 201301 GGGAGGTGAT GAAGATGGAA ACATCATAGT GGGAGGTAAG GGGCTTAATG
 201351 GCCAGGTGTC CATGCATGAC TAGGAGTGGG TTTGGGCCTG TGATGTTTAC
 201401 AGATCCAAGC AGGGCTTCCT TCTGCAGCCC TGTAACCTC CAGCCTTTAG
 201451 AGAAGTTGCT ACTTAGGCTT CTAAGCTATG TGTCCCTGAG GTGGGTGAGG
 201501 AGCAGCCATC CTGCAGGCCA GGGTTGCTGA TGTGTGGATG TATCCTGATG
 201551 TTGGAGAAGC TCACACTATG GACATCTAGA TCCTCCAGGC ATGAGTTCTT

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201601 TGAACCTGAA GCAGAGACCA TATCACCAGC TGAGCAGATT ATCCCAAGTT
 201651 CAAGGGATTG GGAGTGAGAC TGATTCAAAG CTAGGCTCTA CCACCTACTT
 201701 GCTGTCTAAC CATAGGCAAG TCACCTGACT CATGTTTCCT AATCTGTAAA
 201751 ATGGGCATAT ATTCATGCCA CAAATATGTG CTGAGTAGGG CCTCTGTGTC
 201801 TACTTAATAG AGCTTTAAGG AGGATTAAAT GAGCATCAGA TGAGCTCATA
 201851 GATTCTAAGA GTTTAGCATG GTGCCTGGTG GGCCTGCCTC AGTAAATAAT
 201901 AGTCACTTTA CACATGGCCT TCTCTGGCTG GGTGTTAACA CACACATGTC
 201951 CTTGGGAGGA ATTACAGATT CTCATCCCAA CCCTTGAATA TAAATGAGGC
 202001 GTTACAGGGT GGAGGTGGAC CTGACGCAGC CCCGGCATCC AGGGCATCTA
 202051 GGAGTGTGGA GGCCCTCACC AAGGTAGCCT GTAGTCAGAG CTCAGAGAGG
 202101 GCTGCTCTCT TCCCACCAGC AGCCCTGAGG GGTGCCGAGA GTTTTCTGGC
 202151 CTCTAAGAGG ATAGACCTCT TTCAGCTGGG AGGGCTGAGT GGTGGGATGG
 202201 CAGGGCCTCA CCCCACTTCC CAGGTGGGAC AGTTGGGCAG GGTGAAACTT
 202251 TGCATCTGCC TCACAGCTCC CTGCAGACTG AGTCTGCCTG GTGATGTTTA
 202301 CTTGGAGGA GGGCTTTAGG AGCCAGGCCT CTCTTATAC CAGGCCTCCT
 202351 CTCCTGCGAT GGCAGGTTCC AGGGCACCCA AGGGTGTCTC ACTCTCTCCT
 202401 TCCCCCAGGT CTCTGCCATC TTCACCGTCA GGTCTCAGGT CTAATCTCAC
 202451 CTCCTCAAAG AGGCTTCCCT GACCAGAGTA AAGTGTGCCC GCTGCAGCAC
 202501 CCTGGTTATT TCCTTCTCG CATTTAACAC CATCTACACT TGTCTTGTTT
 202551 TTTTGTGTC CAGTTCACCC TCTTGTGTGT CTTCCTACAC TGTCATGTTA
 202601 GTGCCCTGAG GATAGGAGCC TATTCTGTCT GAATCCTCAG CACCTGGAAT
 202651 CGGGACTGGC ACATAGCAGG TGCTCAGTAA ATATTTGTTG GGTGGATAGA
 202701 TAGGGGAGGA GCTGGCAGGC AGGAAGTGC GAAAGTGCCCC GTTGTTACCA
 202751 CCCACCCCAT CTTAGGGTAG ACATGGCAGC GGACTGGAGC GTCGGGCCTC
 202801 TGCTTGGTTC TCACACAAAC CTGAATTCTG CAGCTGCATA CCAGGCACTT
 202851 GGGTGGTTTC TGCAATGAGA GAGTCGACAC TGACAGGCAC TCTCTGTCCC
 202901 TGGACCACCT TGCCACGTGT GAGGGTATAA GTTATCTTAA AGCGGGGAAG
 202951 AATACTGGGA CCGTTATGTC CAATCCCTGG ATGCGCACCC CACATATCTG
 203001 CACATGGCTA CATGTACATG GCTCTTCCGC AGGCAAAGCC TCGCTCTGGG
 203051 TCATTGAGAA ACCCAACCAT GACCCAGGC GAGGGCTGCC GCTCCCCTGT
 203101 GTGTTGGTGT GTCAGTACCT GGAAGATAAA GTATATAAGG CCATGTGTAA
 203151 GGGCTGTATC TGCCCATGGG CAGGCACTTG GCTGGACAAG TACCTCTGTC
 203201 TGCAGAAGGT GGAGACAGCT GCTGTACTGG GCCAGGGTTC GTGGCAGGTG
 203251 GCAGATGAGG TTCTTGAGGT TCTTGATGCT GCACACACTG CCTCTGGTCT
 203301 TCTGCATTCA CGCCTTGCTC TTTTCAGCCA GTTTTGGGCT TTCCAGTGAC
 203351 TGCTCTCTCA GAGCCAAGCC ATCACCTCAT TGAGGCCTCA TAGTGAGTTG
 203401 GGGTGAGGTT GTGGAATTCA GTGCTAGGTC GTGTGCTGGG GGCAGTGACA
 203451 GCCTTCAGGA GCAGGCCTAG GCAGAACATC TGGCTGAGAT GGGAGCAGGG
 203501 AGCTCCCAAG GCCTGGTCAG GAGAGACAGG GCTGTCAATC ATAGTCAAGC
 203551 TGGAGATGAG GTCTGAGACA CAGAAAAGCT GTGTGGGGA GAACGTGCCA
 203601 GCAGGCCGCT GGCATCCAAG AGTGGAAGAG CTCGTGGGTT TTCCCTCACT
 203651 GCCACTTGGG GCACGTGCC TGAGAAGGGA GCACTCGTTA GTTTTCTTTG
 203701 GGCCCAGGAA GCGGTTACAG AGGCTGAGTC AGTATTTGGA AGCAAATTA
 203751 CCCAAGTGTG TGTGCTCTTG GTTGTGGCTG GCTGTGGGAG AACACGGAG
 203801 GGGCTTCTTG CTCCATGTGG ATGTAGACTC ACTCTCTCTG GGGCCCATCT
 203851 CAGGACTCAG CCTCCTTTTA TGCCCTCCAC CGGGGTCAGA CGGGCTTGCC
 203901 TTCCACAACC GCTCAATTAC ACCACCTGTA CCTATCTATG CTCCCAGTTC
 203951 ATGGCAGTCC TGGGCTGTG ACATTCTTAT TGAAAATCCT TATTCAGATC
 204001 ACAGAGGGAG TCTTCAGCAC CAACTGGTAC CAATAGACTC ATTTCTCCTG
 204051 CCGCCATAAT GTTAATGTAA CTGTTCCCAT TTCTGACCAT GTTCAGTAAA
 204101 TTTAATTTGT GTTGAAAAGC AGCTTATTTG GCAAGATGAT CAGTTTTTAA
 204151 CCTGAGTAAA TGGCTTTCTT GATGACTATA AATTAAGCCC ATTGTACTTT
 204201 TCATGCATTG TGTTGTCTCT CATAAATACT ATAGGCAGTT GCTGGTAGTC
 204251 TCACTTGGTT ACCTTTCCCA TTACTGTTTT ATCATCATTG TGGTAGGAGT
 204301 GGGGAATTCA TTCTGTTTTA ATGACAAGGA GGAAGTGGA ACAAGGGGCT
 204351 TGTTAATGA GGAGCCACC CCTGGGTCAG CATCTGTGTA GCTGTGGATC
 204401 AGATTCTGGG CCTTACCCG CCCGGGGTAT CCTCAGCCCT CTGTGGGGCC
 204451 ATTTGAAGG GCATATGCAG GGCCTTCATG CTACTTTTGT CTTAATTGCA
 204501 AGTAATCAGG AATCAAATAT TTGCCGACAG CCAATTTCCA TGTCAGGGAG
 204551 AACCTGAGTG TTCTTGACAA CTTCAGCAGC CACAGGTTGG CACCAAGTGT
 204601 TCCTTAACAC TGACCCCTCA GAGTGCAGCC TGCAGGGAAG GCCATGGGAG
 204651 CCTCCCCAGC AAGTTAAGCA AACGTAGGTG CCTGCTGCC TGTGTGACGC
 204701 TGGGCCTCAG AGGTGCTCAC TACCATCTGG ACACACAGCT TTCAAAGGAG

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204751 GGGGTCAGGG AAAGTAGCTT CTCCCCCAG CCCCCCATGA ACTGGCTTTG
 204801 GTTTGCCTGC CTGGGATGGA GTAGGTGGTC TCTGAAGCCC CTTCCAATC
 204851 TGCTTCTCCA GGATTCTAGT TCTCTTACT CCAGAAGACC CACCTCCACG
 204901 GACGTCCATC TTCCCTCAT ACCTCCATCC TTCCACTTCC TTCCTGCCCCA
 204951 CTTTGGAGAA GGCAAGGGA AATGTACCCC TACCGGGTCA ACACATGTGA
 205001 GGCTTCACCA CCCTCCCAT CCGAGCCCT AGCCTGGCTT CTTAACTGCA
 205051 CTGAATTAGC CTTCAGGAGA TCAGTTCTGA AAATTTCTGC ATTTCTTAAA
 205101 ACCTGAGTAT ACTGGGGCCA CACGAGGAGC AAGGCCTAGC ACCTGTGGGA
 205151 CCTCCTGAGG CCAGAGCAGG GCAGGCACTT TGGGGTAGGA GGATTGAGAG
 205201 AGGGACACTT GGACTTGGGC TGGTAGCAAG CACTTCATAG AGAAAATGCC
 205251 TACAACAGTG ACTTGGAGCT GGTTTAGCCA GAGGGAGAAA GCAATGGGGG
 205301 CCAGGGCACA CGCTCTGAAG CAGGCTCGGA GAGGCCAGGG CACAGAGACT
 205351 TTGCTCTTG TTTCTTCAAA ATGGGCAATT AGTGGGTTGC ATCCTATCTG
 205401 CATGGGAAGG TTATTAATAAC AGTGATCCCA TGGCAATGCT CTGCGTCTG
 205451 GCCCTGTCTT GGGAGAGAAA CAAAGGCTGA TATTTTCAGA GCTGTTAGTT
 205501 TCTTCTAGTA GCGCCAGCA CTTCTAGGG TAACCCATT TCCAACAACC
 205551 CAGGAGAATC ACGCTAATCA AATATGCTCC ATGGCAAAGC GGCCATAAAC
 205601 ACCGTGAGTG GGGGGCCTCC AGCCCAGAGC CTCCCTGCCA GGCGCCTGCC
 205651 TGCCTTCCGC CTCCTTCCCT CCCCAGCCACC ATCAACCTTG ACAGGAAGGC
 205701 GTGCAGAGGG GCCGCTGAAT GCCACTGGGC CTTTATGGTG ACATGCGAAC
 205751 AATTAGCAAA GTGGATAAAA GAGATTCCCG CCTCCTTAGG ATCTGCACTT
 205801 TTATACTGCT CAGAGATATT TGACCTTCTA GTTTATTATG ATTCAAGAAA
 205851 AAGTCAATAC TTCTTAGTTT GCCAAGGCTG GAGGAATTTA AATGAATTAT
 205901 TGAATCAAGC AGTTAATCTG CCGATAACTG ATTTTTTTTC CTTTCAAATC
 205951 TGTAATGATG AAAAGCAGAC TTAACCAAAA ACAAGAAAAA TATATTTTTT
 206001 TCTTTTTTTT TTCTTCTTTT TTGCTTAGAC ATTTTAATCC CATGGGTAGG
 206051 AGCCGGGGCT AAAAGTTTGG TCATGATTAC TAGGGCCATT CTGTCTTGCT
 206101 GAGTATTTTG ATGGAGATTT AATTAACACT TAAAGCAAAG TCTTCTGAGG
 206151 CTGTAAAAAT CTGTATTAC ATTTTCAAGTG TCTTTTGGTG TCCCTGTGTA
 206201 ATTCTCAACT TTCCATCTGT ACCTTTAGTG ACATGTGCTG ATTATCTCAT
 206251 TTCCAGACTC CCAGAATGCA GTGTGATGTT GGTGATGGAC GCCTGTTTCG
 206301 CCTTTCACTT AAACGTGCCC TTTCCAGCTG CCCTGACCTC TTTGGTGTGT
 206351 GAGCTCTGGG TGCTGCTGCC TGAGATCACT GTGGGTGTTG TAGGGTGCAG
 206401 GGGACACTCA AGCAATGTGG CAGCGCCCGT TTCCAGGGGC TCAGCCTTCT
 206451 TGCCCATAAC TGCAACATTG TGCTAGAAAG GACTGGGCTG TGGGGAAGG
 206501 CTGCTGGTGT CTCCCCTGAT GACGTGTGTC ATGGAGAACC ACATTCTCCC
 206551 CCAAGGAAAT GGCCAGCCTC TGGTCTCCCT ACCTCGGCTA CCCCCACCCC
 206601 CATCCTGAAC ACTTGGAGCA TGACTTTCTT CTTATGCCAC GTTTCCTCCC
 206651 TGCAGTGAAT CCCCAGTGCC TACAGTAGTG TACCTAAATT TCTCTGCTTG
 206701 GCTCTCCAAG TCTCCCAGAA ATCACACCTT GACCCCAAC CCCACCACTG
 206751 TACAAAATC CTACTCACAT CTAGTCTTCT ACCTGAGACC TGCAATGCC
 206801 ACCCAAGG CCGCTGGGG AGTCTTGGCT CAAGCCTGCT GTGTTTCTGG
 206851 GAAAACCTTT CTCTCCTTTG CAGGGCCAC TGGCACATCA CCCGCTCCAT
 206901 GATCTCCGCC ACTCCCAGT ACTTCTTCCA AACTTAGCTC CCTGGCTCCC
 206951 ATGCTCTTTG CCTGATCTGC ATACATGTCA CCACCTTACA GAATGACAAA
 207001 GTCAGAAAGA GGGAAAGGTA TGACTTGTTT ATCTTTGAGA CCCCTAAGGT
 207051 GCCTAAGACA CAGCCTGGTC CAAAGTCATG ACATAGTAAA GGAAAGAAG
 207101 GAAGGAAGGA AAACGTATTG CAGGCAGGGG GTGGAGGGGA CCACTTTTTT
 207151 AAAAAAGTCA TGATTTTAAT AGGCCTCTAG TCCAGGAGGC TGACTGTGAG
 207201 CCTGGGAGCA GTAGTGGCAG GCTTTGTCTT TCTGTGTAAG GTGCTTCTTT
 207251 GTGAGCACGG AATAGCTGGG TGTTTTCAAT TTTCAACTGG AAGCAGGAAA
 207301 AGTAAGCCTA AGAAAGAACC AAGAGTTGAT CAAAAGCCCC CAGCTGGGTC
 207351 CTAGGTTGGA AAGGTGTTGT GTTTCAGATG TTCAGAGTGA GTCAGCCATG
 207401 AAACCTGAGC TCTGCAAGGC AGGACACCTT TCTTGGCACC AATGACCACC
 207451 TCATGGAGGG ACAGGGAATC CCTAGGAGAC CCAAGCCCC CAGGCCCCAC
 207501 CTTGAGTAGC TTGGCTGCAC AGGCAAAATG AGTCTGTGCT TGTGAGCTAC
 207551 AAAGGAAGCC CTCGACCCCA GACCCTCTGA GTGTTTACAG CTGACCCTCT
 207601 GTGTTTGTGT GTCTGGCAGG GCTTTCAGC CACAACGAGC TGCTGGCCTC
 207651 CTGCGGGAAG AAGTCTTGCA GCCGAGGGAG CCGGTGCGTG CTCAGCAGGA
 207701 AGACAGGGGA GCCCGAATGC CAGTGCCTGG AGGCATGCAG GCCCAGCTAC
 207751 GTGCCTGTGT GCGGCTCTGA TGGGAGGTTT TATGAAAACC ACTGTAAGCT
 207801 CCACCGTGT GCTTGCCTCC TGGGAAAGAG GATCACCGTC ATCCACAGCA
 207851 AGGACTGTTT CCTCAAAGGT AGGAACAGGG CCCTTGCCTT GTGTTTTTGG

207901 GTTTTGTGAT GGGTCTTCCA ATGCCTTTTT GACAAGTGAC CTGGGTGCTG
 207951 AGTCTACAAG TTACATATGT TTAGGAAATA AAGACAAAGA CTGGTGTGTA
 208001 ACAAAATAGC AGCAGTGGCA TTTTGGTGAT GCATACTCTG TGTCCACCT
 208051 CCAGAGACCC CTGCCCTTAG AGGAAGCTCC TTGGGGAGTA GAATCCAGGC
 208101 AGGTCAAAT AAAACCTGGC TGGTACAGGT TCACTAGGGA CCAGGCAACA
 208151 GGGCACTACC CAGGTCTCCA CATAGGACGG GCCTTTGCAA GGTGTGACA
 208201 AGGACCATGT TTACCTTCT GCACAGAGTC CCATGAATCA GGAGGCTGTG
 208251 CTGTGCATAG AATGTGGTCA GGCAGACACC AGCGCAATGT CTTCCAGCGT
 208301 GACAAGGACA CAAACTCTGG CCTGGGGCAG TTGTTGATGG GAAGGCATCC
 208351 CATGTCTTGC CTGTCCAGAA CACCTCTGAG CAAGACAAGG AAGCCCTGC
 208401 ATGGACATCA GAACATGTCT GTGGAGCTGG GGCCAAGGAT TCATGCTTTA
 208451 GGCTGAGATT GAGTCAGAAA AGAAGGGAAG TACCAGCTCC CACTAGACGG
 208501 TAAGAACCAT TAGGGCAGCG GCTATGGCTG TCTTATGCGC TTATGTATTA
 208551 GCACCTAGCA CTGTGCCCTG CACCAAGAAA ATGCTCAATG GCTCCAGAT
 208601 GCTTGAAGAT ACAAGGGTCA GAATGCACAT CCTGGGTTGA TTGATGTGGC
 208651 CCTGGTAAAT AGTACATGCC ATGGCCTGTG GAAGTATTTA TTGTATACAA
 208701 ATATTGTGTG ACAAATGGG TATACATGAA TTAGGAAGTG TGTAAGAAGAC
 208751 AGAAGCAGCT TGCAGGCAGA TGGGAACAGG CCCACATAGC CTGAGCTACG
 208801 AGAGCCCACT TGGAGTTATG TGAGGTCAGG AATGTGCTTT AGGTTGCACA
 208851 GGGAGGAGAG GAGGAGGCTT GGACTAGACA CCTGCCAAGT GCCTGCAACA
 208901 CTAGAAGACA AAGGCGTGAG AGCAGTCCAG GCTGTAAAGG CCTGGGCACC
 208951 AAGTGGGAAG GGCAGAGCT CCTGCCTCAC CCTCACAGAA CCCCCTGAG
 209001 GATGGTATGA TGTGACACA CCTGAGCGGA GGCGGATTCA TGGCTGAGGT
 209051 GGTGGAGCAA AGGTGTGTTG GCCTCCGTTA CATCTATCTG TGTCACCTGC
 209101 ACCCACCTAA TGGGCCACTC CACTCAGCAG TCGTGGCAGC ATGGAGTGCT
 209151 AGGCAGGGCA GGGCTTGGGA AATGTGCCTT TACCCGGTGA TGACAATAGT
 209201 CTTGGACACT TTCACAGCTG TGCTTATGAT GCTAATGCCA AGGTGCTTCA
 209251 GAGATCATGA GACACATTAT GGAAATGAGG CCAAATGAG CCTAGGAAAA
 209301 ACGTCCCCAT TCTGGAAGCA CTGCCCAGCC ACGTGCCGCC AGTTCCTCTG
 209351 CAACCGTGCA CACTAAAACA CTTGACCAGT TGCTCCAGCT TTATTGGCCG
 209401 TGTTGAATTT TATAGACTGA TGTTCATTTC TCTGGTTTCC AATATCCTTC
 209451 AAATTGCATC TTCCTAAAGG TTTCTATTTT TGCATCAGAG TGTGCACAGC
 209501 CTCCTCACC ATTGGTTATT CAAACAACAT TTCTCATTTA ATGGGAGGGA
 209551 AAAACCAGCC ACCACAAAAC CCACCGAGGT GAGGAGTGAT GGGGACAAGC
 209601 TGGCGTGGAG CGGGGGGCAG GCAGCCTTGA GCAGATCAGG GCTCAGTTCT
 209651 GCTTACATGCT GATTGAATTT ATCCACCGAA TCCTTCTGAC TCATTGAGGT
 209701 TTTCACACAT TGTGAGTTGC CGCCCACTTG GTATAGCAGT GCTCCTCTCT
 209751 TAAGGACCCC TTTTGGTGG AGAGTGGTGC CTGTGAGCTC CCAGAAAGAC
 209801 CAAGGGTGGC ATCTCAGTTC TGGTACTTCC CAGCTGTGTG GTGTTGGTTG
 209851 CATCACTCTG CTTCTCTGGG CTTTTCTCTC GACTGTAAAA TGGGACTAAT
 209901 GGCAGTACCC ACCTGCTGCA GCCATGGAGA GAAGTGAAGG AGGGGCTGCA
 209951 CAAGCACCAC TTAGCACGCT GCCTGGTGCA TGGCATGGAT TTGGTGTTC
 210001 TGAGACCTGC CATCATTATT TATTCTAATC CAGCGTGGCC ACAGGCCGAG
 210051 AGTAGAGAGA TGCACAAACT GTGAAGAACG CAGAGGCAGG AGCAAGGGTT
 210101 CTGTCTGGGA GGTGTTGGGA GAGATTTCTG GGCCCAGATT ATTTAATGGT
 210151 AGCTGGAGAG TGGGTAAGGA AGACATGAGT GTCAGGCAGA CACTCATTGC
 210201 TGGGGCCTCT CCCAGCAATG TCCACCTAGA GCCAGGGCTT CTCTTTCTGC
 210251 AGATGGCCTC TTGGGTCTGG ACTCCAGTGG AAAGCCTTCA GAGCCTCACC
 210301 CTCAGGGTCA GCTGAGTCC TGGTGGGAGG GCAGAAGAGC TGGGCTGCCT
 210351 CTCCTCGATC ATTCCCATAG GGAGTGCCCA GCAAACAGGA AAGACCTGGG
 210401 CACTGATTCA CAGGAGCCTG ACGGATGGAA GGCAGGCCAG CCCTGAGGTG
 210451 AGTGCCTTGG GGTGAGCAGC TCACCTTCAC CAGAACCATG GCTCCAGGGG
 210501 GGAGTAGAAC GAAATAGATG ACAGAGGCTC TGTCGGGAAC CTCTGTGGGG
 210551 ACAGAGGGTC CTGGAACAAA GGAGGATATA AAGAACAAGT TCCTACAGTC
 210601 CCCACCCAC AATGGCAGCA GAATATTTAA TAACAGCTTG AGGTCCACGA
 210651 ATGACAGTTT GTCAATTTGTC CCAATTTTCC AGGGAGTTAT TAATACAGGA
 210701 AACAAAAAAA TACCTTGTTT TTCATGCAAG CAAAAATTCT AAAATCATCC
 210751 ATCTTTTATT CTCTATTTCT ATCAGACTTT ACAAGAAGAA GTTGTGACTT
 210801 CATTCTCTGG GACTTTTATCT GTCCCCAGAA ATCAATATTA GGACAAGTCC
 210851 TTGTGCAGCT GGAGTGTGTG GAGCAAGAGG AGAGAAGTGA TGGGTTGTGC
 210901 TGGGCTAAGC TGCTACAGTT CAGAGCTCCC GTCTGTGGCC AGAGGCCCTG
 210951 ATTTCTGTC AGGGAGGGGG TTCTCTGAG GACTGGTGGG GGGACACATA
 211001 GCCTTCACCA CCCTGCAAGG GAGAAGAGGC AGCATTCTAA ACCCATTTAC

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211051 AAGAAAACCTT CTGGTATCAC ATTCCAGTTG CTATGGCAAT GGGATTCCTT
 211101 GTGAATATAA AATGAAATAT ATCATTTAGG GATCATTAGC ATGTACGGGA
 211151 AATCAACCAG ACTCAAAGG ATTGCTGCAG CTAGAGTTTA CAGCTTTGAT
 211201 CCCAGATCTC CTGAGTCACA AGCAGGGTCT CACTGAAAGT CTGGGACAAA
 211251 AGGAGGTGTG GGAAAGATGT ATCTCTTCTT GTAGCAAAAT TAGAGTCACA
 211301 TTTTTCCTCA GCACCAAATC CTACCAAGAG AATGCCAAGA TATTGGGTGG
 211351 ATTTCACTGT TTAACCTTCT ATAGAGTTTG TGTTTTCAAA GTTATCTTGT
 211401 GACATCGCAT TCCTATTTGT GTATTAGTTG GCACTTTTAA ACTCATTTTT
 211451 CTTGGTTTTG AATTCACGCT TTATCTCCTA CGCTGTTTAC GAAGATGAGC
 211501 TTCCCTTTCA GCAATCACTC ACCAAGCCAG CGTTGTATTA TACCAGATGA
 211551 TACAATGTCA TAGTTGGGCA GTTTTCCAAA CAAACCATGA AATTATGGAA
 211601 GAAAGGGGAC TGTTAGAGGT TCTGTTTTAA GGGGCCCTT CAGCTTCCTC
 211651 AGCCTGCGGG CGGTTGCAGG TGGATTTGGG TGCTTCAGAG GGGAGTTCCC
 211701 AACCTAATGA AAGACAGGAA ATCATTTCCA TTTTGGAAA CAAATTAAAC
 211751 ATACTACAGG CTCACATAAGA AATCTTTTTT TCTTACTTGT TACTAAGCAG
 211801 ACATAAAAAC TCAGTATTTT GTTGCAAGTT AGCAGAGCAA ATAGAGCTTC
 211851 CTGCCAAAAGA GCCATTTTTT TCTTCTTCTT CTGTGTATTT TGTTGCTGTT
 211901 GTTGTTACTC TGAGTCTTGT TACTTTAGGA ATTTAAATTG GGCCCCACAC
 211951 CTCCAGGGGC ATTTCTATAC TTCCACAAGT ATTCTCTGTC CTGCCAGGGA
 212001 AAGCTTCTTA CATCCCCAGC TTGTGCAGCC CAGTCCAGCT CTCAGCGGGA
 212051 GACTCACTTC CTGGGATGTG TGAGATCCAG CTGCAGGGCT GTGATGCTGT
 212101 CAGGCATTGA TAGGGGATTT AGTGTAACCT TGCTGGAGCA GTCCCTATAG
 212151 CAAGAGGTGC TGGGGCCTGT GGAAGCATCA GGGAGGCCCA GGCTGATGGG
 212201 ACAATGTGGC ACGTGCTCAA GGGCACTGCT TTGGCACGTG AGCTTTCTGT
 212251 GCCTCATTTA CTTCTCTGT AAAATGGGGA TAATAACAGC ACTTACCTCA
 212301 TAGAGTGTG TGAGTATGAC AGGAGCAGCA CCTGGCATGC AGTGAGCATT
 212351 CTTCTCTACG CAGTGTCAAC AGCACTAGGG ATGATGCTGG TGCCGTTGTA
 212401 ACATCACGGC TTATTCAAGG AGCAGATGCA ACAAGCTGTA AGACCCTTGC
 212451 CCATTTATGT GACAACCTCT TAATGAGCTA AGAGGTCAGG GGTGGTGGGT
 212501 CCTCTGTGTA ATGAGGGGAG AGAAGAACAT TGGCCCTCCA TATTATTTTA
 212551 ATGAATGACT AGAATTTGAC CTCCAGTTGA TCAAAGTTAA TGATCACCTT
 212601 CTCTGTCTTG CTAAGAGATG TAAGGAGCCA CCCAAGTTCA TCTAGCAGGT
 212651 TAGTAGAAAA GCAAGGGGAG AATCAGGTAT CTCTGATCCC CAGTCTGGAC
 212701 AAAGCTCCTA GAATGTACCT CCGGGCTCTC AGGAAATGCC AGTGGAGCCT
 212751 GGGGTAAGAA TTCATCTGCC TGAAGATGAG AACGTTTAGA GAAGGTGCTG
 212801 GAGGAGAGGG GACCTTCAAG GTGGATTTTG AAGAGCAAGG GAAGGTTTGC
 212851 TAGGTTGAGA GTGTGGGGA GGCTTTCTAG GAGTACAGGC ATGAAGTACC
 212901 TCCAGTCTCC GGGAAGAGCA AGTGATTATG GGATCCTGGG TGTAGGGGAG
 212951 AGCATAGTTG GGGATAAAGG CAGACAAGTG GATCACAGCA AGCTGGGGAA
 213001 AGGCCTTGTG TGCCAAGCAG GGAAGTCTGA ACTCAAGCTG ACCAGTGTG
 213051 TGTCCAGAAT TGGTGGGTTC TTGGTCTCTC TGACTTCGAG AATGAAGCCG
 213101 CGGACCCGCG CGGTGAGTGT TACAAGTTCT TAAAGATGGC GTGTCCGGAG
 213151 TTTGTTCCCT CTGATGTTTG GACGTGTTCA GAGTTTCTTC CTTCTGGTGG
 213201 GTTCGTGCTC TCGCTGGCTT CAGGAGTGAA GCTGCGGACC TTCGCGGTGA
 213251 GTGTTACAGC TCTTAAGGCG GCGCGTCTGG AGTTGTTTAT TCCTCCCGCT
 213301 GGGTTCGTTG TCTCGCAGGC CTCAGAAGTG AAGCTGCAGA CCTAAGGCAG
 213351 TGCGGACCCA AAGAGTGAGC AGCAGCAATA TTTATTGCAA AGAGCGAAAG
 213401 AACAAAGCTT CCACGGGGTG GAAGGGGACC CAGGTTGCCA CTGCTGGCTG
 213451 GGGCAGCCTG CTTTTATTCC TTTATCTGGC CCCACCCACG TCCTGCTGAT
 213501 TGGTCCATT TACAGAGAGC TGATTGGTCT GTTTTACAGA GCGCTGATTG
 213551 GTCCATTTTG ACAGGGTGCT GATTGGTGTG TTTACAATCC CTGAGCTAGA
 213601 CAGAAAAGTT CTCCAAGTCC CCACTAGATT AGCTAGACAC AGAGCACTGA
 213651 TTGGTGCATT TACAAACTTT GAGCTAGACA CAGGGTGTG ATTGGTGTAT
 213701 TTACAAACCT TGAGCTAGAT ACAGAGTGCT GATTGGTGTA TCTACAATCC
 213751 CTTAGCTAGA CATAAAAGTT CTCCAAGTCC CTAAGTAGCT CAGGAGCCCA
 213801 GCTGGCTTCA CCTATGGAT CCCTCACCAG GCTGCAGGTG GAGCTGCCTG
 213851 CCAGTCCCGC GCAGTGCAAC CGCACTCCTC AGCCCTTGGG CGGTCAATGG
 213901 GACCTGGTGC CACAGAGCAG GTGGCGGCGC TCGTTGGGGA GGCTCGGGCC
 213951 ACGCAGGAGC CCACAGTGGT GGGGAGGCTC AGGCATGGCG GGCTGCAGGT
 214001 CCTAAGCCCT GCCCTGCGGG GAGGCAGCTG AGGCCCGCG AGAATTCGAG
 214051 AACAGCCCGG TGGGCCCGCA CTGCTGGGGG ACCTGGCGCA CCCTCCGCAG
 214101 CTGCTGGCCC GGGTGCTAAG CCCCTCGCTG TCTGGGGCCA GTGGTGCCAG
 214151 CTGGCCGCTG TGAGTGCAGG GCCCACCAAG CCCATGCCCA CCTGGAACTC

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214201 AGGCTGGCCC ACAGAGCGTCA CACGCAGCCC CAGTTCCCGC CGGTGCCTCT
 214251 CCCTCCACAC CTCCTCCGAA GCAGAGGGAG CTGGCTCCAG CCTCGGCCAG
 214301 CCCAGAGAGG GGTTCACACA GTGCAGCGGC GGGCTGAAGG GCTCCTCAAG
 214351 CATGGCCAGA GTGGGCGCCA AGGCTGAGGA GGCGCCAAGA GTGAGCAAGG
 214401 GCTACCAGCA TGCTGTACAC TCTCAGTGTC AGATAAGCTA CTGCAACATT
 214451 CTCATTTCCC AAAGAGGGAC CGTGAAGCCC AGAGAGGGCT AGTACCTGTC
 214501 CCAAGTCACA CAGGCAGAGC CAAGCCAGGG CCCAGCCTTT GCTGCTGTGG
 214551 CAGGCCCTTC AAAGGCACCC ATAGCTTTGT GGCTGTTTTT AGTTAGGGCT
 214601 CAGCAAGGCA AGTCCCTAAC AGATGCAATT GCTTTATGCT TCTTCCCCAG
 214651 GAGACCTCCT GGTGCAGAAG GAAGGCTCAG GAGCCATGGG CAGTGGAAG
 214701 GGCCTCGTGT GCCACTGCTG GGCGGGGCTT CCCTGCTCCG CAGGTCATTA
 214751 AGAAGCCAGC TGCACCTTCT CCAGGGAAAG CTGGCTCAAT CATCCCAAAC
 214801 TCACAGAGCT TCTGGACATC AGGAAACCAG ACCCTTGTCT CCTTTCTAAG
 214851 GAAAGAGTAG GAAACTGAGG GATACCCAGA AGGTTACCAG GGGAACTTGG
 214901 GGTCAAAAGC AGGCAGAGCC TCTGGGGACA AGCCTACCTT CAGCCTGGTC
 214951 TGGCCTTGGA AGCTGGCCTC CACTTTCTCT CCAGACTCCC TTTCTGTCC
 215001 CTCCAGTTGC CCTTCCACTT CTGGGCCTAC CCACATTTCT GTCCAGTAGC
 215051 CGCTGTTGTT CTTTCAGTCT TTGCAAAGGG ATCTCTCTGT CCCCAGCCCT
 215101 CTTCCTGGCC TTCACTTTAA GCTCCACAGA AGAGGGTTTG GCTGTTTTCT
 215151 GCCAAGCCAC TCACCTTCAC AGACATCTGC TGAATGCCCA CTTGGTGCTA
 215201 AGGCTGTGCC AGGACCTGAG GATACCAGTA TGATCAGAAC ACCGGGCTG
 215251 ACCTCAAGGA ATTTATAGCC AAAAGAAACG CCACACATCT CCACCCTCTG
 215301 GGTTATCCTT TGGGAGCTGC TTTAGCCAGA GATGCCTCCA AGACCTCAAG
 215351 GACAAACGGG AATCTTTACA GACTGTCTCT CATGTTGGAT ACCCTCTCCT
 215401 CACTCCTCCG CGGATTCTGT CAGCATCTGT GAAAACAACCT AGGACTTCAC
 215451 TGAAGTACA GTTCACTCAT AGCCCCGTAG TCCAGCATCC CTGGGAGCTC
 215501 AGTTGTCCCA TTTACAGTAT CTGCTTCCAG GATCAAGAAA AGTGACCTAA
 215551 AACAAATATG TGTGTTCTTT GGATATTTCC TCCAGGTTTT ATGCAAGGAA
 215601 CTGTCTTGGT GTGAGCACCC CGCAAATGTG CAAGAATATT ATCAGTTCGG
 215651 CATGTGTGGT GTGCTCCACA GAACTGCTGT ACTTTGAATG AATTAATTAC
 215701 ATTCCAGTAA TTAATAATTG CTAAGAAGTT ACTGAGCTGA GTAAGTCTCG
 215751 TGGTGCATTG ATTTCACTTA TGGAAACAAG CTACAGCCTC CGAGTCCCCC
 215801 ACATTGTTTC CTGCTGTTTT CTGGCATCCT GTCCTTCTTT CTCCAACCCC
 215851 TCCTTTGCTG TGCACCTCCT AGTCCCGTTG GTTGCTGGCG GCCTAGTCTC
 215901 TCTCATCTTA AAGCCCAGAG GAGCAAGCTG TTGTCCAGC ATCCTCCTAG
 215951 GTAGCCTTTC ATCTCTTCCC TGTCAGGCCG CAGAGCATTT TCTGCACTGG
 216001 CTGTCTCCAC TTCTGCAACT TCCCTGAATT CTGCCCTCTA GGGTCTGCAC
 216051 CTAGCTCCTG TCCTGTTACC CCTGCCACTG ACTTTGCTAA GATCACCTTA
 216101 CCCTTCTAAA TGCCAAGAAG GCACTTTCCA GGCCTGGTCT TGCTGCATGC
 216151 ATCCTTCTCG CAGTGAGCTC TGTCATCCTC TCTGCAACCC GTTTCCTACTG
 216201 TCTTCTAGGG ACCAGCCCCC ATCCCTCTGA CTCTCCGTAG ACCCTCCTT
 216251 CTCTTGACAG TGCTTCCAGG TCTTTCCCTT GGGGCTCTCT TCTCACAGTT
 216301 CCAGCCATGC CTCAAAGACC CAGACTGTCC CACGAGCAAA GACCCAACCA
 216351 TATCTTCATC CCTGACCTCT CCTCACGTTT CAGTCTACCT CTCATTCCAC
 216401 CTGGGATGGT CCATCCCACC ATCATCTCCT GGCTGGATGA CCTCTATGGC
 216451 CTCCTAGCTA TTCTCTGAGC CCCGGGTGAG ATGCTTCTTC AAATCCACTT
 216501 TCCATATGGC ATTTAGAGTA AGCTTTCCAA GATGGAACCT TGACCATGGT
 216551 GCTGTCTCTG TCGAACCCTT CTGTCCAGTT GTTCAGCAAT ATTCATGTAC
 216601 TATGCGTCAG ATACTATTTG GAGATGTGGG GACACAGCAG GGAACAAAC
 216651 AGAGCCCAGT CCCCATGGCA GGTACAGTCT TGTGGGAGAA ACAACAGTA
 216701 AACAAAGAGT GAAGTCTATG TGATGGTGAC AAGTGCCATG GAGCAGAATA
 216751 AAGCCAGGAG GGCAGTTAGC CAGAGCCTCT GATATGAGAA GTGACATTTG
 216801 GGCAAAGGTC TGCAGCAGGC CGGGGGGTTA GGGAGTGAGG CATTTGAATA
 216851 TCTGGGGGAA GAGTATCCCA GGCAGTGGCA ATACAAAGTT TGCAAAGATC
 216901 CTAAGGTAGG AGCTTGCCCTA GCGTGTTTGG GGGCTCACAA GGGGGCCAGA
 216951 GTTGCTGGAC CAGGGTAAGT AAGCAGAGAG AAAGTGAAGC AGTCGGAGGG
 217001 CTGATGGGGT TGATCTCCCC ATAGGGCTCT GTCGGCCATT GGAAGCCCAA
 217051 GTTCTTTGCC ACTTGCTTAT ATTGCCCTTC TCATTACTCC GTGAGGCCCA
 217101 CCCAAAAGTG GCCTTGATGA GGGGAGGGAG TGACATGGAG CCTCCTCCCC
 217151 AGGCTTCTCC GCAGGAGGCT GTTTGAGGAA GGCCCTGTGT GGACAGGAGG
 217201 GGTGCCGGTG GCTCAGGTGC TCAGATCCAT GTGAGTGGAC CCTATGCCCA
 217251 ACACCTCGAG GGTTCAGAT GATCACCAGG AGCCAGATGT TTAATTACTG
 217301 GAGCAAGAAG AAGTTGATTT GGGACTCCTT TAAGGTTCTC CCCTATCGTG

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217351 CCTTCAATTA AGATCAAGGC CCCCCTGTAG CAGCCGCTAA ATGACACCAT
 217401 GTATTGAATC TCTGTGCTCA AGCAGTTTGT CTAATTATCT GTGTGATAGA
 217451 CTCAGCAGCT GTCAGACCAG CCACAACCTCA AATACGTGGT CTCTGTACGC
 217501 CTGCCTCAAA GTGTTTTATG CCCACTAGCA AGCTCAAGGA CAGGACTTAC
 217551 ATGCTCTTTT CTAGATGTGG GATCCCTTTC AGGTTCCTCT GCTGCCTAGT
 217601 GATATAAGGC ATTGAAGGGG CCAGTGGCTG GGAGGACAGT GGGTACAAGA
 217651 ATTGAGCAGA GGCCTGGGGG CTCGGCTGTT CCCTCCCTCG CCCAGCCCT
 217701 TGTGCCTCGC ATGATCACTC AGCCTCTCTG CCTGCTTTTC TGGACAGGGA
 217751 AGCAGTGACC CAGTTTGGGC CATCTTCTCC AAAGAGAGGG AGGAGCACTT
 217801 GCCACTGTGT CAAGTTAACT GAAATAAATG AGGGGGATCA GGAGGCAGTG
 217851 ACCCAGGGGA GAGTAAATGA CTGCTCATCT CCATCAGCAG AGAGTGTCTT
 217901 CAGGAGTAAA CACTTCCCAG CAGAGCAGGC TCATTGGATG AAGGAGGAAC
 217951 AAGACCACAC CAAACAACCTG AATGTAAGGT CTGTGGAGTT GAGTCCTCAG
 218001 CCAGGAGAAC TGAGGGACAG AACTACAGAA AGCTGGGGCC CAGCCCTGTA
 218051 CAGCATCTCG GGTCTCCGGG AACCACCCAT GCTTCCTGAT TGTAGGTGAG
 218101 CTTGTGCCCA GTCTGCACC TGGGTGCCTC ATGAGGGCCA GATCCAGAAC
 218151 ACATGTATTC TCCAGGCTAA TGAGGGAAGA CAGAGCTTAA CAGTGACTAC
 218201 TGAGTTTGGA CATCTCCTAG AGAGTTCTTC CCTCTGCTTT TCTTCTTGT
 218251 GTGCTCATTT CTGCTTTGAT GCATTTTGAT CACTTGTTAA TGAAAGTAAT
 218301 CAGAGTGAAA ACTACTTTCA AAAAGCTCCT CTAAAGGAAA GTAGCAAAAT
 218351 CACTTTGCTT GCAGGTAATT AAAATAGCCA GATGCAGTGA ACTCCGTCCA
 218401 CTTATTATAA GCAGGGTGAT CTCAGTTGTG CACTTCTCTT TGTAGCTGGA
 218451 AAAAAAGGGCT CATCCAGGGA CTTAGCAGCC ATGTCTCTTT TCTTGTCTTC
 218501 CTTAGGGAAC TTGTGCTTTC TCTTCCACTG CTTGTGTTCA GTGCACTCCA
 218551 TGCCCCCTTC AGTTGGCTAA GGTATGCCCA AAGGCCTGGT CTACAGTGGT
 218601 CCAGCAAATG CCTCTTTGAG CCTTTGCCTC CCTCACTCAT TCGGCCTGGC
 218651 TAGCTCTCTG ACTTTTCCTC CAATACACCT GTACATCTCT GTCTCTTTCT
 218701 GCCTTCCTCC ACCCCATCTT TGTCTCTGTT TCTCAGATGC TCATCCAGTG
 218751 ATCCATATTT CCATCAAAAT ATAATAAACC CAAGGTATTT TTATAGGGAT
 218801 TTTCAGAGAT CTTTACTTAT ATCCAGTCAG GTGGAGCTTG TACAGACCCA
 218851 GGTCTGCATG AGTCCTCATA GCTGAGACTT TAGTCTTTTC CCCGTGCAAG
 218901 CTTGTCCAAT GATTTGGGGA ACCCGAGATT AGAGACATCA GAGGATATGA
 218951 AGGGCAGAAC CTTTCTGGAT AGGTGGGTGA TGGACAGGAA AGCAGGGGCG
 219001 AGGAAGATGT CTCTTATAAA GCTACAAAAG AAGAAATACC CTAGACAAAG
 219051 GAGGAGGTTT CAGAAGGGGA CACCAGGGTA GGGGCAGGGG TGTCAGAAAG
 219101 GGTCCGGTGAC ACATCATCCT AATTCCGCAG AGAGTGAGCT TGCTTGTCT
 219151 CCTTCCCACC CACCTGCAGA ACTCCAGATT TTCAAGGGCG TCTCTCAACT
 219201 GTTTAGCCAT GAATGCTGGT TACAGGGAAG TTAAGACCCC TCTCCAGATG
 219251 CAATATGTCG TGGCAGTGAC CATGGGATTT AGCTGTAATT CCAGTCTGGT
 219301 CAATCTCACT GGGCTGCAGT GAGAGTAAAC AGAGGTGAAG CCTGAACAGA
 219351 CCTGTCTGAA CACGAATGAA AGGGAAGCTG GCTTCTGCAA CAGAGGAGGA
 219401 GGAGAGCACA CACTTAAGAT GCAGCAAAAG AGCATGCTTT GGGGAAAAAT
 219451 TATTACAGA AACAGAAGCT CATTTTAGAC AGCAACTGTG TTCTACTCCC
 219501 AATGCAAGAA AACATGAACCT CTGAAATGAG ATAAAAATG GGATTGTAAA
 219551 TTGGCTGAGC CACAGTCAAA AATAAAATGG AAGCTGGGGG AGGTAAGGAA
 219601 AGAATATAAA GAACCTGAAA TACAATTGCA GAAGTCCTT CTCCACTTCA
 219651 AGCAGTCAAA GGAAAGATTA ACCATACAGA AATCATAGTT GTTCCAATAC
 219701 AGGGAACAAA CTTGAAAACC GCTCCCCAAA TACACCAAGA ATGAGAAGAA
 219751 GATTTAAAAA ATACTGTGGG AGAGGATGAT AGTTATGTAA GACAGAGATA
 219801 AAAGATTTAA AATAATAGTG ATTGGTTATC TTAAAGACCT CAGAGCAATT
 219851 CAAATGGACA CAATAAGCAA AGAGAGATCC AAAAAAATAA GTGCCCTATA
 219901 CTGAAAGATC TATCAAATAA GTCAAAATAT AATTGCTGAC ATTTTAGGTT
 219951 TTGAAAAAAA AAATTAAAGT GATCTGAAAT ATCCAGAGAG AGAAAAACAA
 220001 AGCAGACAAA AAAAAAAAAA AGTCCTACCT GGTGTTGCAC TGGGGGCTCT
 220051 TGAGTGGTTT GACTGACCG GCTTGCCCAG GGGCAGCTTC TCCCCTTCAG
 220101 TTACATTTGT GTCAAAGGTG AGTCTCAGAC ACTGTCTGGT AGGAAGGAAA
 220151 AAAACATTC TGTCTTGA CTTTCTGCG ATATTAAGAA GCAAGAAGGC
 220201 AATGAAGAAC ATTGCTAGAA TTTTGGGGTG GTAAGACCAT GATGCAAGAA
 220251 TTCTACACTT ATCAAATGGT GATCCATGTA TGGAAAGAAT AAAAAGTATT
 220301 TTCTGCTGGG CAAGGGTTCA AATAATACAC CATCCGTGTA CTCTTGCTG
 220351 GGAAAAAAG TGAAAGATGA ACCCTTCACA TTCTACAGAG AAATCAGAGA
 220401 ATCTGACAAA GAGGAACCTCA AGGCTTAGGT GAGCACAGAG GCTCTTGAAA
 220451 TGAGAAGGTG TCTAAATAAC TTTTCAAAT ATAGTTACCA AAAATTGCAA

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220501 AGGGTAAATG ATGAGGTTAA GTGCGCTTAA TTTTCTTGAC TGACTTATTG
 220551 GAATTTCAAC AGATCCTGCA TAATCCTTGA CTCGGTATGT TAAAAAGCAT
 220601 ACATGAGGGC AATATTCCAT CAGAGCCCAG AACAAACCTC ATGCAGCCCC
 220651 AGACAAGTGT CCATGGCTGT TCCCAGGTGA CCTGGGAGAC TTCACCTCCT
 220701 GCCTTCACTG GTGTATCCAG AGACCATGGG AAGGATCAGC CACTGACTGA
 220751 CGTGTTCGAC CTACGGTCGG GCCTCCCCGT GCCTTCATCT CGGTGGCTAG
 220801 AGTGTGCTCC CCAGAAAGCA TGCAGGGCTA CAACTGAAGT GGAAGAAAAC
 220851 CGCAGCGGGT CATAGTGTGT CTTCTTGTG TGATGAAGCC TTTGTTTCATG
 220901 GCGTGTGTGTC AGTATGCCAG TGACATGGTC AGGACAATTG GGAAGGCCTG
 220951 AACTATTGGT TCTAATGTTG CAGTCAATAC AATGTGATTA ACCAATTAGA
 221001 GAGAAATGCA TAAGAGCCAA ATTCTGTTGC CAAGAAAAGG CAAAGAAGGT
 221051 AGAAGAGCTG CCCTGTAAAG AGATAGAGGT AGAAGTTCAA CCCCCAAGGC
 221101 AATAAAGGGC CACCATGGGA CACAGCCTTG CAGAAAAGAA GGAATGGCCA
 221151 TCAGGGTGGG GTGGATAGGA TCATGGGAAA TACACATTCT CATTCACGGA
 221201 GAATGTGCCA GGCTGCCAGC CCACCGCCAG GGGCTGTATG GACGTCATCT
 221251 CATGCACTCC TTTTCTTAGT TGGTGTTTAC TGAGAGGCAA AGAGAAGCCA
 221301 GATAACTTTC CCAGTTACTG GACTTGTAAT TGACGGCACC AGTACTGGCA
 221351 CCTGCCCATC CCCTTTCAGT GTGTGTCAGT GGCCACTCCC ATGATTAGGA
 221401 GAGATATTTG TCAGGGAGTG GGGCTTGACC TGAACCTGGA AGAGTGGGTG
 221451 GGTGGGACAT GAACAACCAG GTACAGGGCA GGGGCAGCAG CAGAGGGAAA
 221501 GACTTCATGC AGCTTTGCTG ATGTTATGGC TGCATTCTCT CCTCCTCCAC
 221551 CAGACTTGGC ACTTGCAACT GATCAGACAG CAGGTACCTA AAAACTCTCA
 221601 CTCCCCTAAA GGGAAATGAG GAGAAGTTAG AGTTACCGCA GACATCAAAT
 221651 ATTGTATATC CAGTTGTTTT AATGAAATGA ATCACATTTA CACCCATCTT
 221701 GTCTTTGAAC TTCAGTGGCT GTCTCCACGT GGCTATGTGA CGTGACAACC
 221751 CCAGTGAGCA CATTACAAAG GAAGAAAGTC CCCGCCAATG CCACGTGAAA
 221801 CACAGGGTGA GGGCTTCGTT GCACAGGAAG AAAAACGTCC ATATTTCTCG
 221851 GTCACACCTT TCTGTCTCTC CACTTCTGCC TGGGTTCTCT CTCGCCAGTG
 221901 TCCCCACCTC TGCCCCCTGC CAAATTTTCA TGACATGAAG ATCTCGTTTA
 221951 TGTGCCAGGC TTGTCTCAAT AAACATTCTC CTAGCAATTT TAAAGGAACA
 222001 AACTTTCCAT ATTAATAACT TTTGTGGTTC TCAGGGTAAA CAACTGTGGG
 222051 TATCAGGAAG ACCTGAAGAA ATGGGGAATC TATACAAAAG GAAGGCAAAG
 222101 TCCACTGCTG AGAAATGTGG TTTCTCTCTG TAAAACATGC TGACAGAAGC
 222151 CCATATACTA ATTTAGAGAA ACAGTTGGCA CAAAACAAGA TGCACAGTTG
 222201 AGCGTGCCCTG TCTAGAAGGC TGGGAAGGAA AGAACTTGAG TGAAGGCACC
 222251 ACCAGGATTC CTGTGGCTAT AGCCCCACGG AGACTCTGCT GGCTGTGATT
 222301 ATAATCATCA AGCTTTGCTG CAAATGATTG TGATTTTACA CATCCTACCC
 222351 TTTTTAAAAA ACCAGAGATT GGATGAGAAT GGAGGGCAGG GTAACAATA
 222401 ACTCAAAGAG CCCATGTGAC ATGCCAGGTC CAAGGCTGAG CATTCTGTGC
 222451 ACTTTCTGTT CTTTAATTCT GTGACAGCCC TTCAGGGTAA GGACTGTTAT
 222501 TACCCCTAAC TTGGCAGGTG AGGAACTGA GGCTCACAGA GGTTTAATGA
 222551 CTTGCCCAAC ACCACTCAAC CGGTGAGGAG GAGAGCTGCA ATAAAGACTG
 222601 ATTTGAAATG TTAATGTGTG TCTTTGCTCT GTCTGCTCTG CCACATCTCT
 222651 TACATGTATA ATTTAAAAA AAAACACACA CACATAGTGA TTATCATTCA
 222701 GCAACTGGGC AGATTGTGCC TGCACCTCTA CTTGTGTCTT GAAGGCAACT
 222751 TTCTGCACGT GTAGCTGACA TGTGCCCGTG TTGTTAGCCA CTCTTGACTC
 222801 GACAAAGAAA TTGTGATGGT TTTTGAATAA CTTTGTCTCT TTGTGTTTTT
 222851 TGTTCTTCTT ACTATGCCAC ACTGTCTATG TATATAATGA TTCCTGTAAT
 222901 TAAAAAAGGA AGGAGGCCTT GCAGTGAGCA CCTGCGCAGT CTCTCCCTTT
 222951 TTCAAAATTA GCAAAAAGCC GGGGACTATG TATGGCTCAC CTCAGAGGAG
 223001 CCAGTGGACA GGGTGGGCTC AGGACCGAGC TGCTAACTAG ATTTGCTGCC
 223051 AGTGGACTCA GCCTCTGTGC AGCCCATGTT GGGTTCTAGG GGGACCAGGA
 223101 GCCTGTGGGG CAGCCCAGAG TGGCAGTCTT GGAAAAGGAA TTCAGGGTGG
 223151 GTGTGATCAG GGATAGAGCT TCTCTAGTGT ACATCACACA GGAACCCATG
 223201 AGTGGTACCG GCATGTGCTC TAAACCTCAT CCTGCCTGTT TGTTCACT
 223251 CCTGAGGATA GTAAAGTAGT GGTCCCTGTT TTCAACACTG CACCGATCAA
 223301 GTTTCATTCT TGTGTTTCAC GATTTCATAG AAAGATCTGT GATTCTTGCA
 223351 TCTGGGCCAT TCATACCTTG GCAGGATTCT GCAATTCCGC ATTTCAATTG
 223401 TTCAACAAAC AGTGCTGAGT GCCTGCTGTG TACCAGGCCT AGTCGAGGGC
 223451 CCGGTGGCGG GGGTCCAAGA GGAGTGTGAG AGGGCCCTGC CCATGGGGAG
 223501 CTGAGAGGGG ACACACACCC CCTGCCTATT GTAAACCAGG GTGGGGAGCG
 223551 CGACAACGGA GCAGTCCAG TCTGTTATGG AAGGAACAGG GAGGCCTCCA
 223601 AAAGGGGGTG CCATCTGGAC TGAGTACTAA ATGATGAGAA ATGGGTTAGA

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223651 GAAAGAGGAG GGGAGTCTTC TAGGCCAAGG GTTAGGATAT GAAGCCAGCA
 223701 TGGGGAGCCA CAAGCCAATT GGTGTTTCTC CAAATATAGA GTTTAGGGCA
 223751 GAGAGAAAGC AGCAAGGGCA AGCCTGGAAA GGAGCTTTGG CCAAGCTGGG
 223801 GCCAGACCTG GACCATCAGG TTAAGGAGTG TGGACTTTCT CCTGGATGCA
 223851 AGGGGAGGCA GCATTCTAGG GTTTTAAACC TTAGGCCTGG TGTTTCAGAAA
 223901 GATCACCTGT GTTGCCCTTG GGACAGAGTG ACCCTGGAGG CAGGGGCCCCA
 223951 GCAGGAGGCA TCGAGGACAT TCAACAAAGC CACACAGAAG CCTGAATCGG
 224001 GGGAGTGGGC AGACCGGAGA ATCACTTAGG AAAAATACAG TCAGCAGGAC
 224051 CAGGCACTGA TTGTGAAAAT TAACCATCAC ACCTGCCCAC CCCAGGATGG
 224101 TTCTAACTGC CTTCTCCAT CCTTAGCCAG TCCTCGTCTA AGCAGAAGTA
 224151 CAAGTCATCT CAGCGAGGCC TGAGTGAAAT CCTTCAACTG ACAAGAGCCA
 224201 AGTTTCCCAT TTGGGCTGGG CCCTGAACAG TCCTGGGAAA GTGTCAGCCC
 224251 TTCGTCAGGG CGCACCTGT CACCACCCCG TCTGGAAAGC GGGCCACTGA
 224301 CTCAGAAAGG AAATGTGGCT TGGATGCCGA AGTCAGAGTG TGATTCTCCT
 224351 ACCCTGTGGC TCAGTCCCTG TCCTGGACTA TAGATGGATG GAGTGTGCA
 224401 CTTAGGGTC ATTGCACCTT CCTTCCCTGA GTTGAACCT CCACCTCCAG
 224451 TACGCAGGGG TTCCGCAGGA GGGTGGGGAA GCAGCTTGAT TCCAGAAGTC
 224501 TTTACCTCTC CTCATCCACC AGCCTCAGAG GTGCTTTCTG CCAATCACAT
 224551 TTTTCCCAGC AGTCTTCTTT TCTTCCAAA GCTTAATAAT TTAAACAATA
 224601 TCCATTTGAA ATTATATTTA AACACTTAAA CAATGTAAGA TGCAAACCTTA
 224651 AGGGGAGAAA GACCAAAGGG GAATTTAGGT GTCGGATTTC TCAGAACAAA
 224701 AGAACAGTCC ACAATTGGAG GGAGAGGAGT GGCAGAGCAC AGAGGCTGCT
 224751 GATTAGATCC AAGTGTGCCCT CCTTCTAAG GATACTTTTG TCTGAGAAAT
 224801 GCACGCCTCG ACCAGCAAGC TGCTGAGTTC AAAGACATGG GAATCTGGGT
 224851 ATTTAATCAA CCGCCTTGGT GACTGGAGCA TGGGGGAGCC TAGTTACTCC
 224901 TGGAAATCGG TAATGAAGGC TGCGGCAGGA GACCCGCCTC TTAATAAGGC
 224951 AGCAGCCAAT TAACAGAGCA AATGTTTGGT GTGTCCCCCG CGAGTGATGG
 225001 GATGTCTTGT CTTCTCCCAG GGCCCTGGGG CCTGTCTAGT AGACAGGCAG
 225051 GTACATGACT TAAGTTAATT GGAGAAAAAC TCCTTCCAGG GAAGTGGGCA
 225101 CTGGTTTGTG ATTCAATGGG ATGGAGATCT GGTTTTGACA AGTACCTTTG
 225151 CCTGACCCAG GAAAGGACAC GTCCTTCAGA AAGGCTCTCC TCTCCCCCGA
 225201 CCCTAGCACC ACCACTGAGA CTCTCTGGTT GGGAGTTTCT AGCCCCAGGA
 225251 ATCTCAAAGC CAAAGAGCAC AGCTGCGCAT CTGAGAACCA AGAGAATTTT
 225301 GGCAGGAGAA GGCGAACCTC CTTCTGAGA GAGTGGCTCT CCCCACCCCT
 225351 TCAGATGGTA CCTGGGAAGC ACCTGCTGAG CCCACCAGGG TCTGGGCTCT
 225401 GGAATGGCCA GGAGGAAGTG CAGGATGTGG GGCACAGGAA GAGCTGTGAC
 225451 TGGGAGACAT TTGAAACTCA GGGTAGGACA AAATCAGGGT GGGCCGGGCT
 225501 TGGCCAGCTG GGGAGTAGCT GGTCATGCCA ATGGAGAGGT CATTTCAAAA
 225551 TGGGCCAAGG AGTAACATGT CAGTAAAGTC CATGTGGGCA CGCAGAGCCT
 225601 GCTCCAGCCA CCTGAATATC CACCAGGCAG TTGCACGCTC TGTTCTCCT
 225651 TCCCCACCC CCCTTCTCTC TCTCTCCCTG TCTCTCTCTG TGCCCTCTTT
 225701 CTTTCCCTGT ACTCTCTCTC ATCTTCTCAC CTCCTATTTC ATTTTCCCTT
 225751 TCCGTGCCCT CCCTGTGAGG TCTGACTTGA GTGTGCCTAC ACATATCTAA
 225801 AACAAGTGAC TGAAATAATG TGTTTCTCAG TTAAGTGGGA GTATGTATTA
 225851 CATGGTGCAA GCTACTAGTT CTATGTTGAG GGAATTAAGC AGTTTCCCTA
 225901 GCAGAGTTGA GACAGTCTGA AATAGATGAT CACCATGCTC CCCCAGCATC
 225951 AGGGGATGAA CCATGCCATC TGACCGTTCA TGGTCTGTG AATGCTGTCA
 226001 ACCCCACATG AGCCAGCAAG TTTGTCTTTT ATTGGAGAAA TCCCTCTCTC
 226051 CAATTTTCCA AACAATCACA GTCTGGATTA TAAGTAAATG ACTAATTCAA
 226101 CAAATGAGTT ATTGCTCAGT ATTCTTGCAT CCAGTTTAAA GTGAGAGGAG
 226151 GAGGAGGAGG AGGGAATGAT GAGAACTAAC AATCATCACA AGTAGGTGGA
 226201 AATTATTACC CACGTAAGA AATGGAGGTT TCAGAGGAGT GTTAGGTTAT
 226251 GCCACAGTAA CAAACAACCTG CAAACCTCG GCACCCAGT AAAAGTTTCT
 226301 CACTCACGCA GTACATCCAG CATGGGTCCG CAGGGGCTCA GCTCACAGAC
 226351 CCAGGCCAC ATGGCCTTCT GCAGTCAGTG ATGTAGGGAA GGCCAGGCAT
 226401 CTGAGAACCA GGAGGATTTT GGCAGGAGGG TTTGGCAGGA GAGGCTGAGC
 226451 AAACCTCCTC CGTGAGAGGG TGTCTCTCCC CACCTCTTCA GGGGGTATCT
 226501 GGGCAGACCC TGCTGAGCCC ACCATGGTCT GGGCTCTGAG ATGACCAGGA
 226551 GGAAGTGACG GAGGGGGAAG GGGATGTGAA GAGGGAGTAA AACCCCAAGG
 226601 TAGAGCCTGG AATTGACACA CATTCACCTA AACCCCCATT TCCTTGAAA
 226651 AGTAAGTCAC ACAGCCACAG CTAAGTTGGC TAACTTTCTC CTTGGAGGAC
 226701 AGAGGCCCTG CTTCTCATG TTCTCTCTCA GTCCACGGCA TCCCGGCCAG
 226751 CGTGTTTAAAC TAGAGTGAGG GCTGAGTGCT CATAGGAACG CTTGAACACA

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226801 CAACCCTGCA CATAGCTGTG TCCACGTGCA AGGCTGACCT ACTGGCATAT
 226851 TCATAGAATT GGAAGGGAAA CCACTTGGTG AAAAGGAAAT GTTTTCTTTC
 226901 ATTTTCTATT ATGACGTATG GCATACAGAC AGTGGGATGA AAATGTGTAC
 226951 ATGCAGTTGA AAGAATGATC GTGAAGACAA GAGCCGTGTT TTAGGAATTA
 227001 GGCTGTGCTT TAGAAATGCT CCCTCTCTCG TGCCCTCCC TACTCAACGT
 227051 CCTCCTCCCT GCCTGGAGGT GACCACTGTC CGTCTGTGA TAATCATCTT
 227101 CCAGCTTTCT TTATAGTTAT CTAAATTTAT ATTCATAAAT GTGTCTCAAC
 227151 ATGGTTTACT TTCTCTTGTT TTTGAACTCC ATATAAATGG AACCATGCTG
 227201 CGGCTGTTCT TTTGAGATTT ATTTCTTACA CTCAGTATCT GATTGTGAAG
 227251 ACTAGTTCAT ATGGGGTATA GTCATACCTT GTTCTTTTCA TTCCTGGATA
 227301 TCCCCTTGTA TAACTATGCC ACGATGTATC CATTCTGCTG TTGACAGCCA
 227351 GCATTGGGT TAATGCCCAT TTGGAGATAT TCCAAGCTGT GCAACTGGAA
 227401 TCATTCTTGG ATATGTCTTC CTGTGCACCT GTGAAAGTGT TCCTCTAGCG
 227451 TGTACTCTAG GCACTGTACT TCACTCTCCT TTCTAGATAT CACCATACTC
 227501 TTTCCCAAAA TTGTTGACCA GCTTTCCTTG GAAACAACAG TGTGTGAGTT
 227551 CCCATAATTC ATATTCTTAC TAACACTTGT GACTATAAAA CCCCTTTTGG
 227601 ACAAATGCT TTTTCTGCAA CTACTGAGGG TTTTGCCCTT TTCTCTATTG
 227651 TTTATTACGG TAATTGATTT TCATATGTTA AACCAATCTT ACATTCTCTG
 227701 GATAAATCCC ACTTGGTAAT GATGTATAAT CCTTTTATA CCCTGGATTT
 227751 GATATTAGGT ATAAATTTAT TTTATAAGTT ATATATATAT ATATGATATA
 227801 TATTTTATAT ATTGCTGGAT ATGGTTTGCT AGTATTTTGT TGAGGATTTT
 227851 TTTATATCTA TAATCATAAC GGATATTGGT CAGTAGTTTT CTGTGTGTGT
 227901 CTGCTCTGGT TTTGATATAA GGTGATATT GAAGTCACAG AATGTGTGTG
 227951 AACATCTTCC CTCTCTTTT ATTTTGTGGA AGAGTTTATG AAGAATTGTT
 228001 ATTAATCTT ATTTAAATGT TTGATAGAAT TTACCAGTGA ATTAATTGTT
 228051 TCCCTTGCTT TTCTTTGTGT GAAATTTTAA AATAACTAAA TCTCTTTACT
 228101 TATATAGTTT TCTTATTTCT TCTTGAGTTA CTTTCAATAG TCTGTGTCTT
 228151 TCTACAAATT TGTCCAATTC ATCAAAGTTG TCTAATTTAT TGGCATATAC
 228201 TTGTTTCATC TCTTCCCTTA TAATCCTTTT TATTTTGTA AGTCAGTAGT
 228251 AATATCATCC TCCTTACTAT TTTTAGTAAT TCGAGACTTC TAAAAAATTT
 228301 TTTTGTAGT CTAGCTAAAG GTTTTGTCAA TTTTGTGAT TTTTTTTTTT
 228351 GAAAGAACCA ATTTTGGGT TTGTTGAGTT ACTCTATTGC TTTTCTATTC
 228401 TCTTTTCATT AATTTCCAGT TTAATCTTTA CTACTGTCTT GCCCTGCTTG
 228451 TTTTGGGTTT AGTTTGCTCT TCTTTTACT ATGTGTATG GTGAAAGATT
 228501 AGGTTATTGA TTTGAAATTT GTTTTATTTT ATTTTATTTT TTTTGTGAGA
 228551 TAGAGTCTCA CTCTGTCACC AGGCTGGAGT GCAGTGGCTC ACTGCAACCT
 228601 CTGTCTCTCA GGTTACGCC ATTCTCCTGC CTCAGCCTCC CGAGTAGCTG
 228651 AGACTACAGG CGCAAGCCAC CACACCCAGC TAATTTTGT ATATTTAGTA
 228701 GAGATGAGGT TTCACCATGT TGGCCAGGAT GGTCTCGATC TCTTGACCTT
 228751 GTGATCCGCC TGCCTCAGCC TCCCAAATG CTGAGATTAC AGGCATGAGC
 228801 CACTGTGCCT GGCCTGTTTC TTTTAAATG TAAGCATTAA TAGCTACAAG
 228851 TTTCTCTCTA AGCACTCCTT TACTACATCT CATAAGTTT GTTACGTTGT
 228901 GTCCTTATTT TCATTATAT CAAAGTGAT TTTCTCTTGT AATTCTTAT
 228951 TTGACCCATT GGTTATGTAG GTGTGTGTTG TTTAATTTCC ACATATCTGT
 229001 GAATTTCCCA GATTTTCATT GGATACTGGT TTTAATTTCA GTCTGTGGT
 229051 AGATGAACAT ATTTTGTGTG ACTTCAGTTC TTTTAAATTT ATTGAACCTT
 229101 CTATTCTGGT CTAGTATATG GTCTGTCTCG GAAAATGTTT TATGTACACT
 229151 TGAGAAAAAT GTGCATTCTG CTTTGTGTTA ATAGGGTGTT CCAGCGGGAT
 229201 CTAGTAGGTT TAGTTGTATC ATAGTTTGT CAGTCTTTTA TTTCTTGTT
 229251 GATCTTCTTA GTTGTCTAT TCATTATTAA AAGTGAGATA TTAAAGCCTC
 229301 CATCTATTAT TGTCATCTAT TTCTTTCTTT AGTCTGTCTG CTTTGTCTTC
 229351 GTGTATTTTG GGGTTTCTTG TTAGATGTGT ATATGTCTAA AACTATTAAA
 229401 TCTTTCAAAT TGATTAGCCC TTTTATTATT ATCTGTTTAT ATAACACCTG
 229451 GTTATCTCCA GTAGCATTGT TTTATATTAA AGTTAATTTT GTCTGATATT
 229501 AGTATAACTT TTTAGCTTTT CTTATAGTTT CTTTTCCTAT GCTTTTACTT
 229551 GCAATCTATT TATATCTTTA ATTCTAAAGT ATGTGTCTTA CAGCCAGCAT
 229601 ATATTTGAAT ATTACTTTTT TATCCAGTCT GAAAATCTCT GCCTTTTGAT
 229651 TGGATTGCTT AATTCATTAG CATTTAATAT GTTTATTGAT ATAGTTGGAT
 229701 TTATATTTGA AATTTTACTT TGCTTCTTAT ATGTCTCATT TCATTTATTC
 229751 CTCTGTTTCT CCCTCAGTGC TTTGTTTTGT ATTAACGTAA CATTTTCTGT
 229801 TGTAGCATTT TAAGTCATTT AATGATACTT TTCCTACATT TTTGGAGGGT
 229851 GTTTTGTAGT ATTTTCTGG GGTTTACCAT ATACATCATA ACTTATCAGA
 229901 ATTTACTTCA AATTCATACT AAAACTTTTA ATTTCTGTGA GATATAGAAA

229951 TGTTATTCCT ATATGTATTT TACACTTTAC ATTTTCTGCT TATTACTGTT
 230001 ACACAAAATA AAACATATATA TGTTACAAAC CCAATAATAC ATGTTTTAAA
 230051 TTTACTGATT TAAATAATTT TGTCATTTGA AGCTGAGGGA ATAAATGAGA
 230101 GCAAGTATAT AGTTATATAA TTTGTATGTT AACCTTCTTA TTTACCATTG
 230151 CTGGTTTTCT TCAGTGTGTT TGTAGATTCA AGTTATCATT TGATATCATT
 230201 TCCTTACTCC AATACAGTTT TGCACCCACC TACATCCTTT GTGCTATTAT
 230251 TTTCAAGTAT GTTATATTTT TGTATGTTAT AGGCACAATT GTACAGTTAT
 230301 AAACATATTA TTTTATACAA TTGCTTTTAA AATCAGCTAA CAAGAAAGGA
 230351 GAATAAAATG ATATTTATAC TGTCTGCTAT AATTACATAG TTATCTTTGC
 230401 CAGTGCTCTT TTTTTTGGT GTAGATGTGA TTACCATCTG GGGTCACTTG
 230451 CTTTCAGCCT AAAAAGCTTC TTTCACCTTT TGTAGAGTGA GTATGTAGCA
 230501 ATGAATTATC TGTTTTTGTT TATCTGAGAA TGTCTTATT TTGCTTCGT
 230551 TTTTGAAAAG TGGTTTTGTT GGATATACGA TTCTTTGTTT ACAGTTTTGT
 230601 TTTTTCAGC ATTGAATATG TCATTCCACT GTCTGCTGGC TTCTTTAGCT
 230651 TCTGACAAAA AGTCAGCTGT TAATCATATT GAAGTTCCTT TGTACACGAG
 230701 TAAAAAATAA AATTGTTGCT GCTTCAAAT TTTTCTCTTT GTCTTTGTTT
 230751 TCTATATTTT TAGTAGAGTG CACCTGGATC TCTGTGTATA TCTTCCTTGA
 230801 AGATTGTTGA ATTTCTTGGA TGTACTGATT AATTTTTTAA TCAAATTTAG
 230851 GAAGTTTTTA GCCATTAATC CTTCAAATAA TTTTCTGTTC CTTTCTCTTT
 230901 TCTTTTTCTG GTGCTTCTAC TGCACATATG GTGGTGTGCT TAATGGTGTG
 230951 ACACATTTCT CTGAGGCTTT GTTCATTTTT TTTTTTGGT TCATTTTCTT
 231001 CCCTAGTAAA CTAGCTGTCC TACAGTCTAG CTTGTTGCTC TCATGGAGCT
 231051 ACCAGCCTCC TCTTAATTAC TTACCACCAA AATGTTTATT GTTTTAAAGAG
 231101 TACTTTTAGG CTCAAACCTC CTCATACTCT GTTCCAAATT CCTCTCAGTC
 231151 AGAGCTCTCC ATTTTAAATG CCTGTCTCGC CCCATGGCCA AAATCTCCAA
 231201 GCCACTGCTC CAGAGTTTGG TGTGGGCATA ATGGCCAGT TCTCTTAGAA
 231251 TGACAACCTT AGTTGTAATT CTAGCCTGGT TGTATGTTA GACTCTGGTC
 231301 TCTCAGTTCA CTTCTCCCAG CATGAAATCT CTGTCTATG AGTAAACTGG
 231351 GGTGAGGGA CTTGCGGTCC CAGTGTTACT GCCCTGTAC ACCAGCAGTA
 231401 GAGTCTCCAT CTTATGAGTC AGAGCTGAGT GGAAGATGAG AGCCCCAGAC
 231451 TGCTCAGTTG CATTGCGCTG GAATTTAGTC TCCACAGCCT GGAGCTGGCA
 231501 GGGATTCGTT GTGCTGGCAT CCTGACCTCC CAGGGAAATA TTATATAACT
 231551 TGACTGGAAG CTGGGGAAGA GGGAAACCTG TCTCCTTGGC ACTTCCATCC
 231601 AGAATGAAGC TTCCCTCACA TTTAGCTGGC AAAGAGAGAG GGAGCAAGCA
 231651 GATCATGGCT CAAGTAAGAC TCTTGCTGTT TTTACTGAAT TTAGTAGATT
 231701 TTCTTTTTTT TTTTTTTTGA GACAGACTCT TGCTCTGTCT CTCAGGCTGG
 231751 AGTGCAATGG CACAATCTCG GCTCACTGCA ACCTCCGCCT CCTAGTTTCA
 231801 AGCTATTCTC ATGTCTCAGC CTCCCAAGTA GCTGGGATTA TAGGTGCCCCA
 231851 CCACCACACC TGGCTAATTT TTGTATTTTT AGTAGAGACG GAGTTTCACC
 231901 ATGTTGGTCA GGTGGTCTC AAACCTCTGA CCTCAGGTGA TCCACCCACC
 231951 TTGGCCTCCC AAAAGTAGAT TTTCTTGAAT AAATGTTTCT TCATGTGCTA
 232001 TAGGTACTTA GGAAAATTTT CAGATACTTT AACCGGTTGG GTTTGGAGTG
 232051 TGTGTGTTTT TTTTTAAATC AAAATCATCA TTTCACCATT TATATTTATT
 232101 TCTCTGAAGA GCATGTCTAC AGAGTTGCTT ATGCCATAAT TCTAAAGCG
 232151 GGACCCAATG TTTATTTTTT TAGTCTACCT GGATTTAATG TGTGTTGAAT
 232201 GGTATAATGC AAAGGCCTAG TTTTATTATT TTTCACATGA ATTCCAATTC
 232251 CAATTTGCCC TAACTCCATT TATTGAAAAG TCTATCTGTT CCCCAGAGA
 232301 TCTACAATAC TGCCTCTGTC TTGTAGCAAA TGTCTGTTT TGCAGGAGCA
 232351 TATTGCAGAG TTCTTTCTTC TGTTTCAGTT ATCTATTCTT GCACCAATAC
 232401 CACAATGTCT TAATTATAAA AGCTTTATAT AGTAAGTTCT GATATCTCAT
 232451 AGGACAAGCC CTTGCTCTTC TTCTTTGAGA GCACTGAAGC TGTCTTCAGG
 232501 ACTTTGTATA TGTTTATAAA TTGTAGATTC AGCTTGTCAG GTGCACACGT
 232551 GTGTATACAC ACAACCTGTT GGAAATTTGA TTTGTATCGC ATTGAGTCTA
 232601 TGGGTAAATT CAGGAAGAAT CAACATCTTT ACAAGACTGT GGCTTTCCAT
 232651 CCGTAAACAT AGTATATCTC TCCATTACTT AAGTATAAAT ATCAACTGAT
 232701 GCAAGCAGTA TGTGTGCTCT CTAAGGCCAT GGATCTTCCA GAACTTGTA
 232751 ATATTTTCTA CTCTCTCCAC TCATCTCACA AGGGTTCATA TCACTTTAAA
 232801 TCATGTCAAT GTGGGAAGAA CAAATTAAC TTAGAGGCTA TTACTGATCC
 232851 CAATGTGACA GAAAGCCAGA TTTCTAGACA AGTAGATATT TTTGGTAGTT
 232901 GCCTCTAATG GATCAACTAT ACCCAACGGG AGTGAGAGTA GAATAAGGTA
 232951 CATTTTTATC ACAAAGTAGC ACCTACTTTA AAGCTCTCC ACTGCTTTTT
 233001 ACTAACAGT TTATTTCTT TCATGCTTTC ACCAACACTC CAGCTGTTTT
 233051 CTGACAATGG GGAAGTAGCA TGAGGCTTGG CTATTTCAAT CAAGGCAGGA

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233101 AAATATTGAT TAGGGGTCTT TAAAAGTAAC TGCTGGTGCT TTCCTTTTAT
 233151 TGTGTTTTT CTGATTACAA AGGTATTATG TATTATTTCC AGAGAATTTA
 233201 GGACATACAG AAAAGCACAA AAGAGAAAAA TAAAAGTGAT TTACCATCAG
 233251 AGAGAACCCAG GGATAATATT TTGGTATGTA ACTTTAGAGT CTTTATATA
 233301 TATATATATA TATATGCCAT GCACACCCTA TGTTTTGGGT TTTTTTCAA
 233351 AATAGCTCTT TATAAATGGA TCTCTTTATA CAACAGTAAG TCAAACCATT
 233401 GTTTTCTTTG GAAAAACAGCA GGTAAATGGGT GCTCAAGAGT GCTGCAGGGA
 233451 AAAGTGCAGA GAATCCCTTC AGGAGAGACA GAGGTGTTTA AGTTGAGACT
 233501 GCCAACCCAGG TTATGCACCA GCTCACTCCT CGAATACCAC CTAAGTATT
 233551 CTAGATGGCT GACGTGAATT TGATTGCCTC TCAAGGTTCC ATCCAACCTC
 233601 AAAGTTTTGG GACTCCAAGA TTTCTGTCTG ATCTGTGGTC CCATGTCACC
 233651 TAACACTGTC ATAGGCCTGA GTTGTGAAA TGAGGGGTGC TTAGTCAGTC
 233701 TGGTGCTATA ACGGATTATC ATAGTCTAAG TGGCTTAAAG AAATTTATTT
 233751 CTCACAGTTC TGGGGGCTGG GAAGTCCAAG ATCAAGGTGG TAGCAGAACT
 233801 GTGTCTGGTG AGGGTCTCTC TCCTGGTTTG CAGATGACCA TCTTCTTGCT
 233851 GTGACCTCAC ATGGTAGAGA GAGAGAGAGA GAGATCATCT CTTCTGTCT
 233901 TTTTTTTAAA AGGGTATTAA TCCCATTCAT GAGGACTCCA TCCTTGTGAA
 233951 CTAATTACCT AACAGACACC TCACCTCCAA GTATCATCAC ATTGGAGATT
 234001 TATGCTTCAG CATATGAATT TGGGGAGACA CAAACATTCA GTGCATAGTT
 234051 AGGGGTTTTT GGTGCTTG TTTAACTGCC CCACCAAGAA TATGATTGGA
 234101 AAGTTCATAT TTAACCAAGA TGGTAGTACT GTCACAATTT CTTTCTAGAA
 234151 GAGATAATAT TAAAAGACCA TTTCATCTGC ACAGCTCAAT TCCACAGAGA
 234201 AGAGATGGTG AACTCAGGCT TGTCTCTGGT AAAATCACTG TGTGCCCTGG
 234251 GCCCAGAACCC CCGTGTGGGA CCCCTTTCCCT CCCTTCAGCT CCACCAAGTAC
 234301 AATGGACCCT TGTCCAGAAA GGGACTTCTC GTGAATAAAT TTGCCTCCAT
 234351 AATGACCGAA TAGGAGAAAG TTGCACATCT AACCACCTGT AATTATCAAA
 234401 TAAAATCCTT TGTGCCCAGG TCAGTAAGTC TGAGTGTGGG CAGTTGGAGG
 234451 AGGATAGGGA AGCCAGGGGA GGGGGCAGGA GGACCTTCCC AGATCCTGTG
 234501 AAATCACCTT TCTAAGTTAC CACTCAGGAC ATGGCTAGCT AGATTAATGT
 234551 GGGGCTCAGG GTTTCCTGCG CCAAGGACT TCATTTCCAGG TCAGGCAGAG
 234601 GCAAGCAGCT TAGCCCTCAC ATCTGTGCTG CTGAGTGTGG TTAGTGCAGG
 234651 AGAGAGCTGG AGTCTAAGGG AAGAACTTC CCATGCTTCC TGAGGGGTGG
 234701 GGATAACTCT GAAGCTCTGT GACCAGTTCT ATTTAAGCCA ACATAGAGAA
 234751 GGGCATCATG CTGCTGAAGG TAGAGGCAAG TGATGCTTCA TCCTGAGATT
 234801 TTGGGGACCA TTGCTGCTCA GGTGCTTGTG CTGTTCAACC ATCTTAGTGC
 234851 CCCACCCAGG GAGATGGAGG GTGCACTGTG GCCCCAACCC AGTCTACATG
 234901 GACTAGGTTA TGATCAAGGC TTCCCAAGAA GGGAGGGTAG GTTGTGTGGG
 234951 GTCTGCCCCA AACAGTTGTT CAGTGTGGGG CCAGCATCCC ACACACCCAA
 235001 CCTGGTGTGA AGTTATGGAT CAGCTTGGCC ATGAAGCAGT ATATTCCAGC
 235051 TCACTCATTT TCACATTGGT GCTGCCGCCT GTTCACACTG GTTCCTTCTT
 235101 GTATGTGCAT CCAGTGGATC TCTGCTTCTA CATATAGCTC ATTTGTCAAC
 235151 CCTCCCACAT GGTGGTGTGA CTCATGGATT TCACATTCTT ACTCTCAGGA
 235201 TGTGTTTCAA GGAAGTTACC CTCGGAAAAA ACTCTTCCA TCCCTATAAT
 235251 TCCCACAGTC CAAGATTCAA GGTGCTGACC GCCCACCTAC CTGCATCACC
 235301 CCAAAGGCA GTGGGCTGGT GGTGTCATGT CAGCTCTTGT TGGCTGCAGA
 235351 GCCCTGGGG CTCTTCGTAA TAGCCGCAGG CTTCTCTGGC AGGGATTAGA
 235401 ATAGTCCATT TGGGCTTCCT TAACAGAATA GCACCAAATA GGTGATTTAG
 235451 ACAACTATGA AAATTTTATT CCACCTTTTT GGGGTGGCTT CTTAGCCACC
 235501 TTTTGTGTC ATGCTCACAT GGCAGAGAGA GATCCTCTCT CATGTCTCTT
 235551 CTGAGAAAGG CACTAATCCC ATTCATGAGG CTCCCCCAC TCCTAATAC
 235601 CTTACAGTTG GGGATTTAGG CTTTAAATGTA TGAATTCTGG GGAGACACAT
 235651 TCGGTCCATA GCAGCCAGCC ATGATGTTCT CACAGGTGGG AGCTGCTGAG
 235701 AAAGCAGCTG TGACAAAGAA CATGAAGAAG CCTGTTACAA GGAGTACCCC
 235751 TCCCTCTGGG CACAATTAAA GCAGAGTGCC CGGCCTGTAT ATGCCAGAAA
 235801 TTTCAGTTCC TCCCCGCTGG AGGCTCAGTT CGCACCATAA AATGCCACAT
 235851 TTGATATGCA GATTCCCTGA ACTCTCCAGA GAGGAGCTGG CTACCCAAGG
 235901 GGAACAAAG GCTGTTTCAA ATGTGTCTGG ATCCATTCCC CCATAAGTGA
 235951 TGTTAACACT AAAACACAAC AGCTCTCTTT CATCGGGCTG GTTTTATGGC
 236001 TCCCACTCCA AGTGTGCTT GGAATTGTGG TTGCTCTCAT TGGCTTTTTA
 236051 CTACCTTTAA AAGTTCCTTT GCAGAAGCCT GTTGGCTGGC TTCCTGCTGA
 236101 CTCCAGGGCT TGTTGTGGAA AGGCCTGGAA GGTGGCGAC TAGGAGCCTT
 236151 GGGCCATGAC CCAGTCCTAA TACCAAGGTA AACACTGAGC TCAGTTATGT
 236201 GTTCTCTCCT TGGTGTACAG TGCTTAGGGG GATTCTGACA CACAGGTGAC

236251 CTCCAGGGGG CAAAGACTAG GATCACACAC AGTCTAAAAA CTTTATTCCA
 236301 CAGGACAATA AATTTTAAAA AATAGATAGA TAGATAGATA GATAGATACA
 236351 TACATAGATA CATACATAGA CATAGATACA TAGATAGATA
 236401 ATTCCCTGCG CAGTCCTCAA ATCTCAGCAT GAAGCATTAT CTCCCTGGCG
 236451 GGAGAAACAT GAAAACGTGC TCCAAAGCTG ATGGCCCTTT ACCTGGAAGT
 236501 TTGATGAGGT GTGTTTGGCA GCCCCAGCAG GCAGATGTTT GGCCTGTGGG
 236551 TGGGTGACAG GGAGGCCAAT TTCAAATGCC CTGCTTGTCA GTGTCATGGA
 236601 TTTCAATTCC TCTCTCTGG AAGCAGTTTC CACCATAAAA TGGTGAGCCT
 236651 TCCAACAGCT GGGGCTGCCT TTGCAATGGG CCTCCCGGTG ATGAAGTGGG
 236701 CTTCCCGTCC GTGGGAGTGG ACAAGCAGCA GCCGAGGCTG TTGGGGAAGA
 236751 GCGGAGGAA TTTCTGCCCC GGGAGCGACG TCTGACGATG AGGAGTCCTT
 236801 CCAGCTCTAA CAGACAGTGT TCATACCTCA GTGTTTTTCA AGCCCCAAAT
 236851 CAGTTTCTTT AATGATGCTC CTGTAACAAA CAATGCCCAG TGATCGCTGA
 236901 AACCATCTTT TTTCACACTT CAAAAGAATC TGAGAACAAA GGTGAAAATG
 236951 ACATTTCTCT GTCTGCCAAC TGATATTTAC GCACATGAAT CATCTGACAC
 237001 ATTCCGCATT ACTTTACAGG CACTTCAAAT GGAGGCTTTT CCCCTGGGAG
 237051 CTTCTGTGTT GTGCCAGACA AGTGGAGGCC CTGTAGGGAC ACTCAGCGGC
 237101 TCTCACACCC TAGACAGGTC CGTCTGCCA CCAGGAGTCA GGGCCACACT
 237151 TTCCGTAGAC CCTCTTCCCT CATGCTTGCT TTTTCCCATC CTGGGAGTTT
 237201 TAGGGACACT AGCCATGATT TTAAATTTCA CGAGACCTAC ATGGGATAAA
 237251 CCCTCAAGAG TAGATATGTT AAATGTCAGG AATGCCTCTT GCGGTGAGGG
 237301 CCTTGGGAAA GCAGTGCTGG CTCTGGGCA GCCCCAAAAC ATGGGCAGAG
 237351 CTTACGTGGT CAGAGTCTCG GAGTGGACAC CCTTTGTAGG TTGTGTGGCT
 237401 CATCCATTA AGTCCCAGAG CTGGCCGGTC TTGATGGCCT GGGGTTGGTG
 237451 ACCCTCTGAG TCCTCGGGAC CGTTGGCCCT CTGTGCGCTG TCCCTCCATG
 237501 CCCCATCCCT GCATGGGCCC TGCTTGCCAG CATTGCCAG AACTACCCAG
 237551 GCATTCAGAG AACCAAGGCTG GTACTGGCCA GGGAGGCAGC CAGGGCCTCT
 237601 GTCATCACAG GCCTGATGTC CAAGCTCACG TCTGTGCTGG GAACCCAGTT
 237651 TGCAGCCAGT CATGGCAGGG GAGAGCCATC TCTTACCCTG GGTTGACTCA
 237701 GCACCCAGG ACCCACTCGA TGACCCCAAC CTGCCTTTCC CTGTTGCTCC
 237751 ATGGGGCCAG TTGCCCTAGA CCCTAATGGG TCTTTGAAC CTGGCTTTCT
 237801 TTCCTTCTTC TCATTCTCTA AACCACCCCC TCTGCTCTGA GGGCGAGGCT
 237851 GCCTGAGCCT CTGACTCACT GCTGCCTCAC ACCTGCCTAC CCCTTCTCCC
 237901 CACTTCCAC AGCACCGCCT CATCCCTCAT TCCTTCTCTC CAGCTGGCGG
 237951 GACAGGAGTC CAAACCCCAA GACTGCCCAA AGACCATGCT TCAGGACCCA
 238001 TGCTGCCCTT CCCCGAGCCT GTCCTCACAC AACTCTGCCT AGGAAGCCAG
 238051 ACCACACAGG ACCCTGAGCA CGCTGGCTTG CCTGGGAGAA CTACTGTCCT
 238101 GTTTCCTTC AGGCCTGGGA CCCCTGTCTT ACTTTGGGTA TCCTCCAGCA
 238151 GGCTTCTGCG CCAGCCATGG CTAATGTTTA AAAAAAAAT TAGGACTCTC
 238201 CCACAGGGAG AGGCTCCTTA AATAGGATCC AGATGCTTCA CTTTTAGAGA
 238251 GGCTGGCCTG CAGGCAGATA CCAAGTGAGG GGCCATCTCA GTCTCAGCCT
 238301 GTCTCCCTGC CCACAGCCCA GCCTGCCAAC CACAGCTGCC ATATTCCAAG
 238351 CGACCTTGCT ATTTCTCAG CGACAAGCAG AGAACTCTGG GCAGAAATCA
 238401 TGTTCTCTCT CTGCCCTGGA GAACTCTGGG TCTCATCAGG GCAGACAGAA
 238451 AATATTAGGG CATGATTGAA GATGAAGGTT GTGGGGCTAT GACCACATGC
 238501 ACGGTGACAG TTCAAAGGAG CTAGAACAGT AAGAGCTGGG TGGCCAGGAA
 238551 GCTTCTCTGA GGAGGGGGAT TGGAATCCAG TAGGATGCTC TTGGCTTGGG
 238601 TGGGTGGAGG GCAGCCCTGC TAGATAGGAC CAACCCCAAC AAAGGGATCA
 238651 AATCAGCAGC GCCTCACTGG CACCTGGGGA GGGAGGGAGG GAGGTGCTCT
 238701 TCTACCTGTG TCATAGCTAG CTGCCCTGTG TCCTCTGCCA CCAGGGATTC
 238751 CTCAGCTCTG AGACTATCTG GAGTGGGGTG CCTAATGGGT TAACTAAGCC
 238801 CTGCTGATGC CAGGTGACAG AACCACCCCA GTAAATCAAA TGGCACAAGT
 238851 GTGTTGCCCT TAATGGTGTG GTTTGAGGCC AAATGAGCCT GCTAGAGTCT
 238901 CTAAAATCAC ACTGTGTAGG AGGCGCCAC CTGTCAGAAT GGGGCCACC
 238951 TAAGCTGAGC ATTTTGTGGA GAATAAGAAA GTAGGTGCCT GGGCAGTGGG
 239001 AGGGGCTGTG TCAGGCTGGG TGCCAGGACT TGGTGTCTA ACCTACCAG
 239051 GTTGTGACGG AACAAGCCTG GTCCTCCAC CCAACCCCTG GCCAGTGGC
 239101 TTCAGTTTCT CCCTCTGTGC AATAGAGGGG ATTGGCCTTA CTGTTTCTC
 239151 AGTCCCTTTC TCATCATGAT ATTCTGAGAC TCTGCTGTGA GTGGCATGAG
 239201 ATGTCTCGGT GTGGCTCTCC ACCCAGGTCC TGCTGAGGAG ACACAGGAGC
 239251 AATGAGCCCA GGGAGGGGAT TAACAGAGGG ACCGCCCATG CTGCAAATTA
 239301 GCAAGATACC AGCTGCCAAA TGTAACAACT TGTGTAATTG GCTTTTTGTT
 239351 TTATTAAGAG GCATGATTCT CTTTAGCCAA GCCTCAAATG CCAGATGGGC

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239401 ATTAACTTT GGAAGATACA GAGATTAACA TTAACAAGAA AAGGACAGAC
 239451 TTGGGTAGCT TTGGAGGCTG GTGGTATTCA GCAGGCCATG TGTGGGTGTG
 239501 CCTGCCAGAA CCTGCATGG AGACCAAGCC AGCCTTGGAA GTCCGTCCCT
 239551 GAGGCTTCTT CGTCTATTGG GATGGGTACC TACATTTGGC TCAAGACTGA
 239601 CTTTTCCCAG CATAAGACAA ACTGAATCCC TGAAGCACCG TCTGCTGGAA
 239651 AATCCCCTTT ATGCAGAAAA AGCCAGTTGG CACTAGGAAA AGTCCTGGCC
 239701 TGCCAGCTGA TCTTTATTCA GTGAAATAGA ATTATTAGAA TGGGCTAGAT
 239751 GACAAACCAA CATGTCCACA GTTGGGGGAC AAAGAGGGGA CCAAGTAGAC
 239801 TTTGGCTTGG AGGGTCCAAG TACATCTGAC AGCAAGGCCA AGGGCACAGC
 239851 TGCCCATGGG GCTAGACTAC AGGAATGACT ACCCACCAGT TCTGTCTTGG
 239901 TGCACGTTTG TTTCTGGCT CAGGAATCTG TGTGTGATGC ACCTCCCGTG
 239951 CTAGGGAAC TCACTGGGCA TCAAGAGACC TGAGTTCTCC CAGGCTCTTC
 240001 CTGTTGCTCT TTGGACCTTA GTTCTACAG AGGTGGCAG TCCCTAAGG
 240051 TACCTCACT TCTGACATCA GCTGCTCAAT AATTCACCAA AAGGATTCAC
 240101 AGAGCTCACA AAAACCTTTA TGCTCATGGT TATGGTTTAT TACAGCACAA
 240151 GGAGACATTA AGATCAACAG AGGGAAGAGG GGCATGGGCG CCAGAAGAGT
 240201 TCCAAGCACA TAACTCCCCA GTGTCCCCTC CCAGTGGAGT TGTGCAGACA
 240251 GCACTGGTGT GTGACAATAC ACTCAGAGCA CTGCCAACCA GGAAGCTTG
 240301 CCTGAGCCTT GGCATCCAAG GATGTTACTG GGACTCAGTC ACATGGATAT
 240351 GGCTGGCTGG CTGGCTGCAT GGCTGACCGT AGTGTCTGGC CTCCAGAGG
 240401 TTGAGCTGAC ACCACATGGT CCGTGGCCTC CCACCATAAA TCACATTGTT
 240451 AGCATAGACT GTGTCATGGC CCAAAGCCCC CAGCTAAACA AAGATGCTCT
 240501 TATCAGCAG CACAGTCCA GGGCTTAGCA ATCCCCTCCC AGGGGAGGG
 240551 GGCAAAGGCC AGAACTCCCC TTGGACAAGG GTATCTTTCT TATGCAGAGG
 240601 CTAGATGAGA TGGTCTCCTG GTTCCACCAA AGTCTTAGAC TCTGGGATCT
 240651 TGATCCTGCC TGTGGATCT GGGTTTATTC ACAGCAGAAC ATGGAGAACA
 240701 AAGTTCCAGC CAAATGAAAT GTGAAACTGT GTTAGGTTTC TATTCAGGTA
 240751 CATCTGTGT CACCTGTGGA ACTGTGTTTG ATTTGTTCTC TCCCAAGGAT
 240801 CATAGCTGGC AGGCTCTTTA AAACCATTAG CTTACATTTC CTTTCTACT
 240851 CTCTGATCT TGTTTCCAA CTCTGATGT GGCCTACTGC AGAAACCCCA
 240901 CAGTAGCAGG GAAACCCGCT TCCTTGCACT TCTTAACATC TTTCATCCTT
 240951 GAGGTGCGGG AGAGCCAAGG AGAGAGAGCG TGGCCAAGCT GCAGCTGTTT
 241001 AAATGGTTCT GCCTGCTGCC GACCAAGATC TGGAGCGAAA GCAGAAATTT
 241051 GTCACATGTT GTGGCAGTGA AGCCTCCCCA GTTTGCTGTC CTAAAATCCC
 241101 AGGGTCTAAT TGGAAAGGAA TAAAAACGC AGGCCTTTCT GGGATGCTTT
 241151 GGTGGAATTC CTAGAAAAC TCTGAGAATA AAGCATTGCC ATATGGCTGT
 241201 TTTCTTGTTT ACCTTGGGGC TAAAGAGAGA CATTCTGGAC TGAAATCTTC
 241251 CACATTGTTT CAGAGACAAC ACATCCAACC TCACACATTT TTGTGGTGCT
 241301 AAAAACCAGT CTTGTTCCAC TTTGTGGGGA TATAGACATG AATCTCAGGC
 241351 CTTTGAACA GGGATTACTG GCTGACTTGA GTCTTTATTC CCTGTAGGGC
 241401 CTATGGACAT CTTGGTGTCC ATTCTTCTCA TTGCTGCCTA AGCAGATCAG
 241451 TTGGCTCTGT CTCATCCTTT CCTAGTCCCC AGCTGAGCTC TTCCAGGAAA
 241501 GAAGAAGCAG TGTCTTCCAC CAAAGCTGCG CCCCAGCAG CTAACAGAGT
 241551 CACTATTTCA GGAGAGACCT TCAAGGGGAG GACCCTGAAT GGCTGGGGAT
 241601 GCCTTCTCAT CCTGCTGTTG TTTGGCTCAA CATTTCATAA CATTTAAATA
 241651 TTCATTTAAA ATACTTCAAC ATTTAAATAT ATCATTTAAC AGCATTAGAA
 241701 TGCTCTGCAC CAAAAAATTA AGCAAAGGGA ATTGTAGGAA TTTTTTTGGC
 241751 CTTTCAAGC TATTAGTATT TTAAGTAGAC CTCAGTTCAA AACTGGAGTC
 241801 TTGAAAATGG TCCCATTACT ATAAATTAGG ATGCCGCCCT GTGCTTGTGT
 241851 GAGACGCTTC CATCTTGGAT TGGTCCGTTG ATGTTCTTGG GACTGAAGAG
 241901 CTGCAGTGAG TTCAGATTCT GAGTGCTGGG TTTCACCTGA CTTCTTGAGT
 241951 CACCAGAGGG TGTGCTTGAG TCACCAGAGG GTTTCCTCCA AGAAGAAAGT
 242001 GAGGAAAGGG ACATGGGGAA GCAGGCAGAA GAAAGTTTTC AGTGACCAGA
 242051 GAGGAGTCAG AGTTACGGAT TTTTAAAAAA ATAAATTGCA TGTCACCTGC
 242101 ACTCTGTCAG TAAACATGGA TTGAGGACCT GTTGTGGACT TGTGCTGTGT
 242151 CAAGACCGG CGATACAACA GTGACCATGT CAGACGGTAT CCTTGCCCTC
 242201 AAGCTGCTCA CATTGAATA GAGACAGAGA ATAAACACAT GAACAGACAA
 242251 GGATGACAGG TGGTAAAGAC CATAAAGAAA AGCATTGAGG GAGATGTTTC
 242301 AATGCGGAGT TTCAATGGCT GGGGTATCCT CGGAAGGCCT CTGTGCAATG
 242351 ACATTTGAGA TGAGAGCTGC ATTTTGAGAT GGAGTCAGCC ATCCAAAAAT
 242401 CAGGGGAAAG AGAGACCCAC ACCAAGGCTC AGCAAGTGCA AAGGCCCTGA
 242451 ACCTGAAAGG AGCTTGACAC GTTCAAGGTG GCACACAAAG GCCACTGTGG
 242501 TTGCAGCATC AAAAGTGAGA GGGTGGTAGG AGATGATGTT GGAGAAGGAT

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242551 CCAGAAGCCC AGGCAGGTGG GGCCTTGTGG ATGACAAGAG TCTGGGTTGC
 242601 CCATTAGAGG AGGGTAATAC TGGGAGAAGC AGTCCCTGTC TGCAAGGGGT
 242651 GGAAGAAGGG CTGAGGGCTA GCCCTCATCC CTTTGTGCGG TACCACCAGC
 242701 CCCTGCCAGT CGTGAGGCTT GCAGGCTGCA GGAGGCTGAC GCAGATGGTG
 242751 AATGTTAATA CCCGTGGCCC TGGTCCGACC TTTTCAGCAT TCGGTGTTCT
 242801 GATTAACTGG CCATTCTCCC TCTTCAGCAC ATGTTGAAGA TACTTTGTTC
 242851 AGGAGGAAGT TGAATGGCC AGCCCATCTA ATAACAGAAT ATTGAAAAGG
 242901 TCACAGCAGT ACGGCTGAGT TCTCCAACCT ACAAATCACA GGGAGCGTCA
 242951 GCTCGGATAA CTCATTCTCC TGACAAATCA AGGAGCAAGG ACTGAAGACT
 243001 GCACCGCTGA TTAGGCTCAT GGGAAACCAG AGGGCCAGGG AGAAATCGAT
 243051 AGAACATCCT GCTCGTGCA GGGGTTTCAGG GCAGCAGGGG TGCTGATTAG
 243101 CAAATCAGCA GGTGGGGGCA TGCTGTCCCC TGGTGGCCGC TCAAATGACA
 243151 GCCGCATTTG AAAGACCCCA GAGGGGAGGT CCCATCTGGA CCTGCCTGGG
 243201 TGGTCCCCCT GGTCTAGCAA CTGGGCTGGA GATTGTTACC ATTTTACCAG
 243251 AAACTATTA AAAAGCAGCT TTCCCCAAAT AAAACATTTG CCATTAATAAT
 243301 CCCTAAAAGT TGATCTCTTT CAGGATATCT TGTGTTCTTT TTCCATTAAG
 243351 GTTTATTATT ATTATTATTA TTATTATTTT AGAAATTAAC TTTTGCCATG
 243401 ACCAGCCTTT TTGAGTTTTG ACTGCAAGCA ACAACAGTCA AAACCTCAAAC
 243451 TCCTCGTAAA AGGAGGACAG GTTTATGGCT TAATTTACTA CAGAGTTCCA
 243501 CAAACAACAT TAAAGAAAAA TGAATGATTT AATTAAAAAC TGGGCAATTA
 243551 ACCTTCTGTG CGCTAAAATA GAGGGCTTTT TGAGGGCTTT CCACAGAAGC
 243601 GTGTCTTCAT CTGTGAGGCA GCGGCCTCAG AGAATCTTAA TAGATCAGTG
 243651 AAGCTGGATT GAAGTGGAAA GCTCACCTTA AAAAGAAATC TAAGGAGATT
 243701 AAGAGGGGGA TGAACATCAA AAATGACTCT GATTAAGCCA AGATAAAGAA
 243751 TGCTAGAATC TGAAAGGGAG AAACAGCATA CACAGAATAT ATTTTTAAAA
 243801 CCACGGGCAC AAAGATTTTC GTGGGCTTTG GAGATAAGGG GGAAGTACAT
 243851 TTTGAGAACG GTTGATAAAA AGCTTTTTCAG CACAAATGTT CATTTTCACT
 243901 GGGGGCTGAG CACAAAAATC CATGGACAAA ATTGAAATTC TACATGCTAA
 243951 GAGAAGACTA AAAGATTTAC TGGCACAGAT TCAATTAAGT GGCTTAAAAA
 244001 ATGTACCATT TCCTTCAGGA TTCATTTAGG TGCCTGCCCT ATAAGTGCAC
 244051 AATTTCCCAA ACGTTGCTTG CTAATGTGTC AGGAGGGATG ATTCTGTCAG
 244101 GAGGAGCAGG GAGTCTTCAT CATAGGACCT TGAATCAGGG CTCAGCAGGT
 244151 GTAAGAGGCC CCTGGCATGG GGCAGCCCTT GCCAATTCCT CTTTTGCGG
 244201 GGGCCTGCTG CCACCTCGAT CAGGAGGTTA GGTGCCCACT GGGAGTACAC
 244251 TCAGAGTCCC CTCTGAAGTT TCAGGCCTTG AGACAGCAGG CTTTACTTGT
 244301 GACCACCACC ACCCACCCTT ACACCCCAA CAGAACCAGG CTTTAGTTGT
 244351 TACAAGCAAG TCTGGAGACC TGGACTTTCA GAAACAGAGC CTAGCTCAAG
 244401 ATGCACTTTG AACATGTCCC TTGCTGAGCA GTGTTGGAAA CTGTTGACCC
 244451 CATGGGCACT CTTGGTTCCA TATTTCTGAG TTGTCAATCG CCTGCTGATG
 244501 CTGGAATGTC AGGCGTGTCC TGCCTTAGCC AGGCTGCCCT GTTCAGTGAG
 244551 AAGGGAATTA TTTAAAGATC TGTCCCCAGC AGCACATTCA GGGCCCAGAG
 244601 GTGGGCTAAA GCATCTACGG GAAGGCTGGT GAGTTATTGC AAAGTGCAA
 244651 GTGTTAATTC AGTGCCCTCT GAGCCGCCCT CTATGAATTA ACCCAGCCAT
 244701 TAGAACACTA GAGTTAGCTC AGTGTGAGGC CAGCTCAGCG GTGAGAGGGC
 244751 CTGCACAAAG CTGTTAAGGC TGATGGAAG ACAGGGGTGG GCAGGGTGTG
 244801 GGCAGCCCTC ATTTTAGACA ACCCTTGGGA TGTGAAATG CAGCTCGACC
 244851 AAGGTAGTAA GCAGGAGTTT GGTCCCTGTG GTCCACGGCC TGCCAGCTCT
 244901 GAGATGCCCT CAGCCCAGGT TTCATCCTGG CTGTATTGCC AAGTACACTG
 244951 GCTGGAGGTT CAGGAGCAGC CTTGTTGGCC TCCCACGTGG ATGCTAAATG
 245001 TTATTTTAA GGCAGAGCA AGGAAAGTGA AATGAAAAG CACTTAATAT
 245051 AGTTAGACCT ACATTGCGGC TGGCCATTCA AATTCAGGGC TGGACGGAGT
 245101 ACTTCAGGCT GCGGTGGTCA GGGAAGACCT TCCTGTAGT GACCAAGCTT
 245151 GGGGGAAGGC GTGATTGTGA CAAGTAGAAG AAGAAAAGTC ATTAAGGGTG
 245201 GGAATTTCCA GAGTTGCTGG GGGAAAACAA GGATTGAGGG GGCTACCGTA
 245251 AATGACTCCC CCATAACCTG ATATCCCCCA AAGGAAAAGC AGTACTAGAG
 245301 CTGAGGGCCT CTTGGAACAC CCCCACTCAT GGAAATGTGG GCAGCTTCTG
 245351 TGGGCACTTG GTACCTGTCG CTGCTGCCCC CCACCACATG CTTAACCATG
 245401 AGGTAATTTG TACACCTGGT TTTGTTTGTA TGTTTTTTTT CTCTGTGAAG
 245451 TATGCAGATT ATTCAAAAAG AGAAAATAAA GAAGGGTAAT TATTTTCTT
 245501 TAAGAATGAC AGCGCAGTCA TAAAACCCCA AATGGAGGTA AAAAGGGAAG
 245551 AAGTTAGGAG AGAGAGAAAT CAATAAAACA GAAGAGGTTT AAAATAAGAG
 245601 CTCTAAAGGG CTGACAGCTA TAGGAGACAG GAGAGGAGGA ATTAGCCTGG
 245651 AATTTAAATC TCAGATATTA AACTTAAGAT GAAATAGAAA AGAAAGAAAG

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245701 AAAAAAATGA ATTTTAAAAAT GAGTGATTGA AAAAGGAGAT AGGTTAAAGG
 245751 CATAGTAATT GATGAGTTAA AATAAAAGTA TGAGATGATG CTTTTAAAAAT
 245801 AGAAATTAAC TAGGATCTAG AAATGGCTGC TGAGACTATG GGAAGGAGTT
 245851 CCCGGAGAGC AGGGGCCAGG CCTGGAAGCA CCTCCTGTGC TCAGCCTCGC
 245901 CCTTGTGTTC TTTTGCCTGC TCTGGACAGG GAGCATT TTC CAGTCTCCAT
 245951 GGGCAAGGGC TGCCTTCCCA TGTGCACAGG CACACAGCAG GCCCAGAGGC
 246001 CTCAGCCCCC AGACCTATCA GAGAAATCCT GAACGCATAG ACAGGGAGCC
 246051 CCACAGACGC ACTGAGAAAAG CGCTCAGGCT ACGTGCTGGG TGAGTGAAAA
 246101 CTTATCAAAA AACGCAAGTG AACAAAGGCT CCTCCTGCCC TCTTTTGGGA
 246151 GGAGTGAATG GGTTCCTACTG CCAAATCTTC AAACACTGGT TCTCAACTCT
 246201 TTCAGATCCA GTGCCGACTT TTTAGAACAA ATATTTAATA ACACCCCATG
 246251 TATTGCCCTG AAACGAAAAT TATAGACAAT GTAATCCACT TCCACACTTA
 246301 ATTTCACAAT ATGATGTCCT AATTAAAATA TAAATGAGAA ATACAAAGGA
 246351 AGTAATTTGT AGTAAATAT TACATATTTT AATATGCAAG ACCACAGTGG
 246401 AATTCATAAT GATGTAGCCA GATGCTGGCA TGAAGGCAGC CTCTACAAAT
 246451 ACAACTGATA CAGGTTTATG GAATTGGCAA CTCATATGCC ACAACACTGT
 246501 GTTGCCATTG GCAACGAGAT AATGATGAAC AACTGTTGAT AAAGTTCTGA
 246551 ACAAATAAT GTGTACTCAT TCCTTGGTTT TTATAGTAGT TGTATCCCAG
 246601 AGAAATTCCA AGTATATTAA GCCATGCACA AAATACTTTG TATTCATGGA
 246651 TAACTAGAGT TAGGTTCTAG GCTCAAATAA TTATAAATAT GTTTTCAACT
 246701 ACGTGAATAT CCAATGGGAT ATCCAAAAAA TGGGGGCATG TGACAATGTA
 246751 TTGTTGTGAA GGACTGTCTT ATACAATGCA AAATGTCTGG TATCCCTGGT
 246801 CCTTGCTCAC TCAATACTAA CAGCAACCCC ATCCCCACCT CAATCATTGA
 246851 GACTGCTGAA AATGCCCCAG TGATTGCCAA AAAAACCAC TACAAGGCAGT
 246901 TCTGCCCCAC TTAGAACCAC TGTCTTAGAG GGAGAAACTT GTCAGGACTA
 246951 GAAGGCATTT GACACCTCCT TTGGGTTTCC TCATGGCTAT ACATTCCCAG
 247001 TCTCAAAATT TTTAGGGAAA TTTTGGGGT AAAAAGGGAC ATTTGGAAGC
 247051 AAGAGCAGAA GACTCTGAAA GAGATACCTA TCGGTTTTGG CCAAGATGTG
 247101 CTGGTCTGAT GCTCCAGGGA GCCCTGAGAT CCTTGGGCAG ATAAGGATGA
 247151 AAAGAGGAAA GATTGGAGCT CAGGCAGAGC AAGAGAGGGC CTGCTGCTGT
 247201 TGTAAGAAGAA ACTGCAGATG ACAGAAAGGG TGCTTCTCAA TTAGATAGTA
 247251 AATAACTATA AAGGATTATC GCAGTCAACC GCGAAATCTC AAGATAACAT
 247301 ACAAGGGGGC AGAGGTAAGG GTCTCCCACT CCCAGGATGG TTTTCATCCA
 247351 GAGACAATAC CAAGTCATTA GAAAGCTCTG GAAAGAAGCC AGCACTGCAG
 247401 GGTCGGAATG CGACCCCTCC TTGAAAAGTT TATTAGAGCG AGAAGAGGTC
 247451 GGAATCATG TTTAGACTT GCTCTCGGCT TCAAGGGCTC AGAAAAAGTT
 247501 AATCTGATGT TCTCCTGACT CTGGGTCATT TAACTCA TTT CTAAATGGG
 247551 TTTCTTGCTC AGAGCAGAA TTTGAGGTTT GTAAACTCCA AGAAGAGAAA
 247601 AAAAGGTCCT ACACAATTGT GTTATTGTGA TTGAACAGTT TTATTCTCAA
 247651 AGATTTAATT TCCCAAATTT TGCTTTAGGA ATACACGGTA AATGCAACAC
 247701 ACGGTAAGAT GGCAATTAAG CTCCCTGCGT TAGGGAGTAT CACTCACGGT
 247751 GATAATTGGG AAACATGACA GAGAATGGGA CGCGCCATCT CAGAAGAGAC
 247801 GAAGAGGCTT TTCAATTACT CTGGAAC TTT ATTATTATT TTTGAAGGGT
 247851 AATGCATTGC CGCTCTTAAC TGTCTGAAAT TAAAGTGGAC GTTGAAAACA
 247901 TAGCCCTTCT ATGAGCTTAT TTTTATTTT ACTGAGCATA ATTGGACAAT
 247951 ATAAAAAGTT TACTTTTAA ATGTGTCATC TCTTGTTCCT TTAATACTGT
 248001 AATCACATCA ATAGGAAC TTT TGCTGTTGAG ATTTTATGCT TTTGTCTAGG
 248051 TTCCTTTTCC AGCCTATCAA ACTTGGTAAA TTTAAAGATT GTTCACAAAT
 248101 AATGAAAGCT GACTTGTGTC AAAAAAAT AAAAAAATA AATTATTGCC
 248151 TGAAAACAAA CTCTAAGAGA CACTATAGTG ATGTTTATGT TTTTAACTT
 248201 AAGATTTGAA GCAGGAATAT TTTGAGACTT AGATTCTGCA AAATGATCAT
 248251 TGGACCAGAA CACATTTTCA TGTGTTAAGG TCAGATCTTA GAGCCAGCTT
 248301 TGAATTCAAC AGTGGGTTCT TTCTTTCTCA TCATCAAATG GGCTTTAAAA
 248351 GGTCAGGAA CAGCGAGGTG CTGGTGGGAG GAAATCGCC AGAATTCTC
 248401 TTTCTATTT TGAGTAAACG TTGAGAAGAT TGTACTTGGG GTGTACTTTA
 248451 TAGGTACCCG ATTGGGGACG AAGAGGAGAG GGACAGGGTG TGTCCCATG
 248501 AAGGCCCCAG CCTGACAGG AAGGGAGGCC ACGCTGAGGG TCCACTGTTA
 248551 GGGCTGTTTG ATTCTGAGG AGCACTTCAG GAAATCTGTT CTCTTGAAC
 248601 CCACTTATGG GGTTTACAAA GCAGAGAGCC TTGAGGCAGG CTGGAGCTCA
 248651 GAATACTGCT TCCCTGCTCT GCCAGGGCAG TCTCAGCAGC ACGGGGAGTC
 248701 AGGTAGAGGC CTTTCCACAC CTGCCCCTGGC CTCCTTGGCT CCCCAGGAAA
 248751 GCTCCCGTGA GGGACAAC TTT AGGCCATCAC CAGCAGCAGA ACGGGTAGGA
 248801 AAAGGGGCTC AGAGAAGAGT TTCAATTAAG CCAAAGAAGA GTAAAGGAAA

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248851 TGCTTTTAAA AGCTGAATGA GGGTGGGGCA GATGTGGGGC CTTTCATTAA
 248901 TTCAAGTGTA CTCTAAATCT TTAAGAAGCA AGACACTAAT ATTACTGCCA
 248951 ACAATAAGTG GCTAAATTCA GTGAATTTTG ACAAAGGCAT CACACCCATG
 249001 TAACCTACTAT GCCAATCAAG ATACAGACCA TTGCTGTCAT CCCAGAACT
 249051 TTCCTCCCGG TGCTTTCCTA GTCAGTCCCC CCATCACTGC CCTGCCAAGG
 249101 GCCATTGCTG ATCTGATTTT TAATATGATA AGTTCGTTTG CCTATTCTAA
 249151 AACCTCTTGT AAGTACTCTT TTGTGTCTGG CCTCATTTCC TTGGCTGAAT
 249201 ATTTTGTAAA TTCATCACCT TTATTCATCA GTCTCCCATG GTCAGTCAGT
 249251 CTTACATAT CCACAGGAAT TCACACTGCG AATAAACCAG GAAAATGATA
 249301 GATACAGTCC CTGCTTCTT GGAGTTTACT ATGCGCCTTT TGACGCAGCT
 249351 TCTCTACTGC CAGGAATCTG TCCCAAGGAA ACTATCACAA TGATACAAAA
 249401 AGATGTAGGT GGCAGCATT CCAATATTAG TGAGAAAGGC ACACAGAATG
 249451 GCCACCAAAG ATTAAGTCAT TTATAGGAGA AGGGAAGGAC CAAATCCTAT
 249501 GCATTGTTC ACATCACGCT CTAGCTAGAA GAGCGGCCAA TGGCAAAAGA
 249551 AATGCCAACA GGTAAAGAGC ACAAAGTTA GGGTATACAG AAAGACCCCA
 249601 CCGTGTGAGA ATTTCCACAT GGGTAACCAG ACCTGAATGC TCACTCTGCA
 249651 TGTGGGATC ATCGGAGACT TATTTCTTT TAGTTCTTT CTTTATATT
 249701 CCAGTTTGT CACAGGAGT ATGTGCTGTT TTGCAATCGG GAAATAGCAT
 249751 TTTACTTAAA AGAAGTGGGA GGCTGAGGCG GGTGATTCAC TTGTTTGAGA
 249801 CCAGCCTGGC CAACCTGGTG AAACCCCATC TCTAATAAAA ATACAGAAAT
 249851 TAGCTGGGTG TGGTGGCGGG CGCCTGTAAT CCCAGCTACT CAGGAGGCTG
 249901 AGGCATGAGA ATCGCTTGAA TCCGGGAGGC AGAGGTGCA GTGAAGTGA
 249951 ATCGCGCCAC TGCCTCCAT CCAGCCTGGG CGACAGAGTG AGACTCCGCC
 250001 TCAAAAAAAA AAAAAAATA AAAAGAAATA GAACCTGGC TGGGATGGGC
 250051 CCCATCGTGC AAGCGAACAC AAGGTATCAG CAGCACGGGC TTCAGGGCCT
 250101 GGGGAGGACA GCACTTGGA TAGCCAGCCC AGGCCCCCTC GCCCTCCCTG
 250151 CTGGGGGCTG CCTTTGCTCT CAGAGTCCTG CCCCTGCTGC TTGATTCACT
 250201 GGGAGAACAA CACGTAAGGC CGTCATTCTT CTAATCAGCC TTCCCAGGTT
 250251 GATGCTGGGA GCTGACGGGC TGAATTGGCC AGTGTGTTTC TCAGGATGCT
 250301 GCTTCTCTT CCCCAGAT AGTTATAGCC AATTTCTTGA AACTATGAGT
 250351 ATGTCCCCTT ACATGGCACA GGGACTTTGC AGGTGAAGTT AAGGCTCTAG
 250401 ACCCAGGGGA GTTTATCCTG GATTATCCGA GAGGGCTCCA TGTAATCATA
 250451 AGGTTCTGCT TATGTGAATG GGGGTCAGTC AGAGGAAAT TGAGGATGCT
 250501 GCGCTGAAAT GAGTCAGGCC AGGTGGCATC CTACAGCAGA CAAGGACAAG
 250551 CTGAGCAGAT AGCAGGTGGC CCTGGGTCCA CTGCACACTT TGCCAGGCTG
 250601 AGCTGACCAC AGACTGGCTA GCATGGCTGG AGTTCTATGC CCAGCCCAAG
 250651 CCGACTGGTC CTCCTGAGTG GGCACCAGCA CTGACTGTGC TGCCTCTGCC
 250701 CAGACTCAGC TAGAACAGGA GTGGGCTGAG AAGCTGGGGG CGGCAGAGGC
 250751 CTCTGGAAGG CCCCAGGTGT TTTGTGGCCC TAGCACACTT CTCCTTTGGG
 250801 GACCTCAGCA TGGGTGTCTC CGAGCCCAAG TCAACTACTT TGGCCTCATT
 250851 TTAGGGGGTG TGGGGGGTGC TAGGGAGAGA GGCCAGAAGG AGTAAATCTT
 250901 AAGAAATGAG GTAGGCAAGA AACCTGGGTC TGCAGAGCCT GCAGAAGCCA
 250951 ATGAAGCAAT GAAGGGCCC TGTAGGTTTG GAAGCAAATG GCCGTTCTCA
 251001 CGGTTAAGTT ACTTGGGAAG AATTCCATTT TGCTTTACAA GGGATGATGT
 251051 CAGCTTTAAG CCTTAGCTGA AATCAGCCCC TTCTAAACTG TAAACAGACA
 251101 TTGATAGGCC AAACACAAC AGAAATTGGC TCCCTGGCTC CCAATCCCTG
 251151 TCCCTTTTTT CTTACTGCC AGTTTGTTGT TTGTATGAAT ATCTATCAGC
 251201 ATCTCCTGTG AGCCAGGCTG AAGATGCAGC TAGAGAGAGG AGCTTCTGCC
 251251 TTGGGGGCGA AAGAGAGGGA AGAAAGTGAA GGAAGTGCTT CCAGTCTGGA
 251301 GGAGGAGACA GAGAGGCCAA CGGGGAGTTC TCCTAGGGGC AGGGCAGGGC
 251351 ACGGGGACAG CACAAACAGG AGGGGGACTG AGACTCTGCC AAAGGATCAG
 251401 AGTTGCTCTT CCAAGGCCAG CTGAGGTGAA TCACACCAAA TCTCAAACAT
 251451 GCTGTCTTCT CTGTCCCACT TGCCAGGGAT CTGATCTAGC CACACTGACC
 251501 AGCAGGCTAT ATTGGTCCCT GCGCGGGGTC TGTCCAGGGC TTTGCAGTCC
 251551 GCGCCAGCTC CACACTTGTG CCCAATGGAC TTCTCAGACT CCAGAGTTAC
 251601 TGCAACCTTT AGTTGGGTGC TGGGCCCCC TCTGGCCCTG GACTGTAAAA
 251651 CCAACCTGAA ATGGAAGAGT GGGTGGCATG GCCCTTTACC AGCTCAGCCT
 251701 CCAGCACAGG CTCTTCTTGA TGGGCAGGGA AGGGGCTGTG TGATGTGGCC
 251751 TAGGGCCTCG TTTGCATGCC CAGCATGTGC CCCATAAAG TCCTGCAGGA
 251801 AGCTGTGAGG GGTCCCTGTC CAAAAAGACT GCGTGGGCCT GAGGGATCCC
 251851 TGCGAGGCAG GCCAGGAGGC AGCCATGCTT CACACCACAC AGGTGGGTCT
 251901 TTCATGCTTT TTTTCCCTTT AAGTTTCTAG TCTTGTGGCA ACCCTGCAGT
 251951 TGACACTTAC AAAGTGTTT CTGCTCACTT GTCACTACCA TATACTTACT

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252001 CATCAACGGG CTCCTGGGGC CTCTCTGGTA ACCAGTCCCA TCTGAAGAAA
252051 GCTGAGAGGT TTCCTGAAAC ATGCTGCAGG GCGGTCTACC TGTCTTCTC
252101 AGCCTGGCCT CTCCCAGGG GAGGTGGCTG GACCTTGGGT CTAAAACTTG
252151 GCCCTGGCCA TCAAAACTCT CCATGACATA CTTCTTCTC TCAAATTCCC
252201 CCTCCCAGTA CCTCTCCTA GAGTCCCTCC CAGACTTCAT CTCTAAATCC
252251 AGGTTCACTG GCATATCCAG GTAGAGATCA GTGGACTACC TGGGCATGCC
252301 CAAATTTGTC TTGGCGCCCA CAAGCCATGA GCCCATGAAT GAAGGGGCTG
252351 ATTGGTGATG ACAGTGGTGT CCCCAGGGCT TAGCACACAG TGGGCACACA
252401 GTATGTGTTT GTGATTGAAT CTATGGCAA TAAGAATTAT TTCGTAGTGT
252451 ACATAGCTGT CTGCATGAAA AGACTATGTT TTCATGATCA GGACTTCTTA
252501 CAGCACAGCC CCCTTAGCCC TTGGCTGTGG GGGAGGTTTG GGCAGCAGTT
252551 ATAATGGCC TCCAGGACCC AGAAGGCCCC CTGGGACCCA GGCCCCAAG
252601 CCTCTGTAAG AGGCCTTGAG CCTCTTCCTC TTAAGAGATA AAACACTAGC
252651 CATGCGAGGA TTTCTGAGA TGCTGGACA TCGTCTCTCA CTAAGAGTCA
252701 GACAGTTCTC GATCCATCTT CCCATGGGAC CAGGGCACAG CCATGGGTGT
252751 TGGTTTCAAG GAGTTTCTCA GGAGTGTGAA GGGGAGCACG GACCAGCACA
252801 AAAACAGAAT TCTGAGTCTG AAATAAAGGA TTAGAAACCC CTTCTTGGCC
252851 ATTAACACCT AAATAACTAG AAGATTTGTT TCCTACTTTC TTTTAAACAA
252901 AAACAGGCA TTGTTGTGTT GTTGTGTTT CTTTTGTGTT TTGTTGTGTT
252951 GTTTGTGTTT GAGACAGAGT TTTACTCTGT CGCCCAGGCT GGAGTGCAGT
253001 GGCACGATCT CGACTCACCA CAACCTCCGC CTCCCAGGTT CAAGCAATTC
253051 TCCTGCCTCA GCCTCCTGAG TAGCTGGGAC TATAGGCATG CGCCACCACA
253101 CCCAGCTAAT TTTTGTATTT TTAGTAGAGA TGGGGTTTCA CCATGTTGGC
253151 CAGGATGGTC TCGTCTCTT GACCTCATGA TCCACCCGCC TTGGCTCTCC
253201 AAAGTGCTGG GATTACCGCC GTGAGCCACC ATGCCCAGCC CAAAACAGTA
253251 CATTGTAAAT GCTAGTCCTA AGTTTCTGCT AGAGCTTAGT GTGTCTTCTG
253301 AACCCAAAGA AACATTCAAT CATATTCAAT TTAGCTTCAT GCTAAGTGTT
253351 ATTTGTTTTT AAAACTTGGG AAGCTGTCTG GGAATAGCTG AGGAGAGCAC
253401 TCAAGTGTCT AGAGCACTGC CTTCTCAGC CAGGCTGCAC AGACGTCTAG
253451 CACAGGTGGC TGGCACCTGT GAATATGTAT TCTGCAATTC CAGTAGCACC
253501 TGTCAAGATG CTTACGCTCT TTTAATCATG AAACACATA CCAACAACAG
253551 CTTAGGGCTG ATAAAACTG CCCTTAGGAG TTCAGCATCA ACCACAGCCA
253601 GAGACCGCTG CTGACAGCAG GGCTTCCTAG ACTCAATTAG CAGTAGACAG
253651 AGCCACCAT CAGCATGACA GGAGCCAGCA GGCACAGAGC AGGCCTAGGC
253701 CCAGGCCAGC ACGGCAGTGA CATTCCTCAT CCCACACATG CATGTACATT
253751 ACTGTCATCA CTTGGGTGCC ATCAGTCTCA CTCTCTGGTG GAAAGATGGT
253801 GCTCCCGGG GTCGAGGTGT GATGTAGGTG ACGTGAGATC TGCATGGGCA
253851 CAGCTGTGGC CTTTGAATTA TAAGATTGTC TCAAGGCCAT CAGCTAGAGG
253901 ACTGGTGCTG TGCCCTTAGT TATACCAGTA TCTATGGATT GGTCTCATGG
253951 ATTCCCTGCC CAGTGCCCCG CCCTTTGCCC ACTCTCTGAG GCCACAGGAG
254001 GGATGAGTTC AAACCTCTGTT CACAAGGAGC TTACGTGGTC TCATTGAGGA
254051 AGTAAAGGA ACTGCCAGTT ACTGCTGGGT GTGGATTAC TTTACTTCCT
254101 CAGTGAGACC TGGGCCTGGG CCACCAAGGC TCTCCAGGAT GTCCTCTGCA
254151 TGTCAAAACT TCAATGCACA CTCAACCACG AGGGCTGAGC TGGAGGAGCT
254201 TCCAGGCCTA CCCAGTCATC TCCATCCATC TTTGAAAACA TTCATGGAAC
254251 CCCTTTTAGA ACCAGCTGAT CACATTCCCA TTTCAGCAAT AGGGATTGTG
254301 CGCTCCTCTG TCGCAGGGCC AAATGGCGCT GGCTCATGCG TGTGTCATT
254351 TAGCCCTTG TCTCTTTCCA CCCTGGTAAG GCCTTAAGGG CTTCCACCT
254401 GGTCCGTAGC ATCATCAACT CCCTGTGCTT TTTTTTCTT TTTGGCGGCT
254451 ATCTCTCCAT CCTTATAATA GTCCTGTATA ATAGGGGTCA GTTTACAGAT
254501 GCACAAACTA AGGTTCTGGG AGGATAAGTG ACCTCTCTGA GGCCACGTAG
254551 CAGGAGCAGA ATTAAGACCG GATGCAGCTC CTGACCCTGC GGCCAGTGCA
254601 GAATAGCTGC AGGGGCTGT TTTCAAAGC CCACCCCTTG ACCTCTGCCC
254651 CAGTCTCAGT AACTCTGGCC TGCCTGTCCT CAGCAGGGAA GAGCCAAGCA
254701 GGATGAGCAC TGCCCCCGCA TGTCCAGAAC GCTGTCCAGC ACGCTCAGGG
254751 CTCCTGCCGT TGCTCAAAGA ACTGGCCTCT GGAAGTGCC ACTGCAACCC
254801 AGAGGCCCGT GGTGAACAAA GCCCCGAGG CAGCATGCCT CCTTCTGCT
254851 TCTGGGGTTG TTATTTTACA TGGCAACTGT GTGTGTGCGC TAGTGACAG
254901 TTATTTTGT CTTTGGCCTT ATGGCCTCTG CTATAACACT GTCAGGTGGC
254951 AACTTTTTTA GAAAACTTC TAGAAAATGT TGATCCAAAT TGTATGACTC
255001 TGGTTGTCCC ACCCCACCT CACCTAGCTC TGTCCCTCAT TTTCTACAAC
255051 ATTCCTCAT TTTCACTCCT AGTTATTTCC ATCTGAGAAA TGGTGCCCCA
255101 CACACTCTCC TGCCAAATC CAGGGGAGG CAGGAGGAAC GCCTGGGGCC

255151 TCTTTTGGGG GTGTGGAAGG GACCCCTCGC ACGCCCTTC AGACCGGGGA
 255201 GCAGTCTGGC TCCAGCCCAC ATGCAGACCT TTGCTTCCTC CTCTGCAGAG
 255251 GGGTTATTTG TTCATCACC AAAAAATTAGGT AGGAGAGAAA AGAAGCCATT
 255301 CAAGAAAAAGA ACTTTTCACA GTGCATTTCC TGGCTTGGCT GTGAATGGCA
 255351 TTTGTAAGGC CCAATTACAT AAACACGGAG CTAACCAAAA TGCTATCTGT
 255401 CTTTATTGAA GGGGTGGAGG AGCAGGAGGG TGTTTATTTG TAAAGGGGGT
 255451 AGGGGAAGTG TGTAAAAGAG AGCTAAATTC TCATCTTTAT ACTGGGAAGT
 255501 TAATAGATGC CAAATGCACA AGTAGGATAT TTTAAGGTAA ATTCCAAAAG
 255551 AACCAACTAA ATGGGCTGGA AGGGGAGAGA AATGGGAAGA AGAGGACAGA
 255601 TCTGCTGTTT TCCATTTAAA AACCTTAAAT AATTATTGGA CTGTAAATTA
 255651 TGGGCTTATG TATCTTTGAT TAAAAATATA TTTTAAAGA GTGTTTAAAA
 255701 TATTTAAAGC AATAAGCTAT TCGCAATAGC AAAAAATGGA AATCAACCCA
 255751 GGTGCCCATT AACAGTGAAT TGGATTTTTT AAAAATGTGG TACATACACA
 255801 CCATGGAATA CTACGCAGCC ATAAAAAAGA AGGAGTTCCT GTCATTTGCA
 255851 ACAACATGGA TGCAGCTGGA GGTCATTATC CTAAGTGAAC TAACGCAGAA
 255901 ATAGAAAACC AAATATCACA TATTCTCACT TATAAGTAGG AGCTAAACAT
 255951 TGGGTACATG TGGACATAAA GATGGGAACA GTATTTGAGA CCGGCCTGGG
 256001 CAACATGGTA AAATCTGGTC TCTACAAAAA TTGTAAAAAT TAGCTATGCA
 256051 TGGTGGCATG TCCCTGTAGT ACCAGCTACT TGGGGGGCTG AGGTGGGAAG
 256101 ATCACTTGAG CCCAGGAGGT TGAGGTTGCT GTGAGCCAAG ATCACACCAC
 256151 TACACTCTAG TCTGGGTGAC AAAGCGAGAA CTTGTCTCAA AGAAAACCAT
 256201 ATATATATAT GTGTATATAT ATGTGTGTGT ATATATATAT ATGTGTATAT
 256251 ATATGTGTGT GTATATATAT GTGTATATAT ATATGTGTAT GTATATATAT
 256301 GTGTGTATAT ATATGTGTGT GTATATATAT ATGTGTGTAT ATATATATAT
 256351 GTGTGTATAT ATATATGTGT GTGAGAACAA AAGACGTGGG GACTAATGGG
 256401 TAGGGGTGGC ACTGAGCAAG GGTGAAAAAC TACCTGTTGG GTACTATGCT
 256451 CACTTCCAAG GTGACGGATT TGGTCATATT TTAAACCCCA GCATCACACA
 256501 GTATACCTTT GTAACATCCC TGCATATGTA CCCCCCAATT CTAAAAAGTT
 256551 GAGAACAACA AAAAAAAGCA AAATAAAATA TTTAAAGCAA TAAGAAATTG
 256601 TGACAGATCT AAATACTCTT CAAAAATAAA AAAAAAGAGC CATACTAGAC
 256651 TTATAGGAAA AATTTAATTG CTATTTAATT AAAAATTCAA AATATAAGGC
 256701 CAGGTGCAGT GGCTTACACC TGTAATCTCA GCACTTTGGG AGTCCAAGGT
 256751 GGGTGGATCA CCTGAGATCA GGAGTTTGAG ACCAGCCTGA CCAACATGGC
 256801 AAAAACCCAT CTCTACTAAA AATAAAAAAA CTAGCTGGGC AAGGTAGTGC
 256851 ATGCCTGTAG GCCCAGCTAC TAGGGAGGCT GAGGCAGGAG AATTGCTTGA
 256901 ACCCAGGAGT TGAAGGTTGC AGTGAGCTGA GATTATGCCA CTGCACTCCA
 256951 GCCTGGGAGA CACAGCAAGA CTCCGTCTCA AAAAAAATA AAAATTAAAA
 257001 ATATAGATTA GGCAGCTGAA GAGAGAATTA AAAATTTGGA AGACAGCTGA
 257051 AGAAATAGCC TAGAATATAG CATAGAGAGA AAAAGAAAAG GAAAACATAA
 257101 AACAGCAGCT AAGATATGGG TGACAATGAC AAGAACCCAT ATACATCTAA
 257151 TAGGAGTTAT AGAAGGTGAA AATAGCAAGA ATGAAAAAGT AATGTTTGAA
 257201 GAGATAATGG CTGGGAATT TCCAGAATTG AAAAATACTT TCATCTTCAG
 257251 ATTGAGAAAG TATAATAAGT TCCAGGCAAA ATTATAAAG TGATTCAAGA
 257301 CTTAATGGTA AAATTGTAGA ATGTCAAACA TAATGAGAAA AACTTAAAG
 257351 CAACCAGAGA TAAAAGACAT TACCTACAAA GGGACAATTA TATAGACAGA
 257401 AAAAAACAC AACAGATGCC AGAACACAAT GGAATAATAT TAGAAGCTAC
 257451 GAGAAGGGCT CAGGTATAGG GACTGGAAAT GCAGCAAAGG GGCAGTGGAG
 257501 ACATCTGTGC CGCTTTCCT CTGCTGGCCA AAATAAAAAA ATTTACATAT
 257551 GCAGATATTA CTAGTTGCCT TCCACTAAAC ATCTTCCCAC CTCCTCCTTT
 257601 AGTAACAAAA TCTTGAAGTT ACCTGGACAC ATTGCCATTC AGATAAGAAA
 257651 CTACCTTTCC CAGCCTTTCT TATAGCTAAG TTAGCCTTCC TACCATGTTC
 257701 TTTTCAATCA GATGGAGCAG AAGTGTATG TGAAATTTCC AGAAAGCCAC
 257751 CTTAAGGAAG AGAGGGGATG TCCTCCTTCT TCCTTTCTC CCTGTCACTG
 257801 CCTGGAAGGA GAATATTTT GCTAGCTTCA TCCTGGACCA TGGAGCCCAG
 257851 GGCCACACCC AGGGGATGGC AGAATGATGA ACTGAGATGA CCCTGGGTCT
 257901 CTGACAGTT AATGGAGGAC ACTATGCCAG CTCTGGATCA CCCGCCTCTG
 257951 TATTCTTTTA CATAAAGACA GCAAAACTTA TCATTTGTTT AATCCATTAT
 258001 GTGGATCGTA CTTGTTACAG AAAATTTAA TTTCACTCAT ACCAAAGAGC
 258051 TTTTGATTGT AGGAAAGAAA ACAGGAACCT AAACCTTGAG AGAAACCTTA
 258101 AGAAGGAAGA GAGGGAGTGA AGAACCAGGG GAGGTAGTCA ACCCTGAGAG
 258151 CCTGAGGCTG GAGGGAAGAT CTGCCCATGC TGTGTGGGCC CTTCTGTCAA
 258201 CAGCGGGTTC TCATGGGGCT GGACACAGAG GGCAGACTG GGGCCCCAGC
 258251 GGGCACAGCA GTGCTGGTCC CCAGAAGGGG TTTGTCTCAG TGCTCTAAT

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258301 AACCATCACT CTTGGTAAAGT GTATGACACT ATCTCCAAGA ACAGAAAAGAA
 258351 CATATAGTCC ATCCCATGGG TCTTTTACAG TCACATAGCA GCATGACAAA
 258401 CAAAGTCCAT CCTATGGGTC CTTTACAGTC ACATGGCAGC CTGACAAACA
 258451 TAAAGTCCAT CCTATGGGTC CTTTACAGTC GCATGGCAGC ATGACAAACA
 258501 TAAAGTCCAT CCTATGGGTC CTTTACAGTC GCATGGCAGC ATGACAAACA
 258551 AAGTCCATCC TATGGGTCCT TTACAGTCGC ATGGCAGCAT GACAAACATA
 258601 AAGTCCATCC TATGGGTCCT TTACAGTCGC ATGGCAGCCT GACAAACAAA
 258651 GTCCATCCTA TGGGTCCTTT ACAGTCGCAT GGCAGCATGA CAAACATAAA
 258701 GTCCATCCTA TGGGACCTTT ACAGTCACAT GGCAGCCTGA CAAACAAAGT
 258751 CCATCCTATG AGTCCTTTAC AGTCGCATGG CAGCATGACA AACATAAAGT
 258801 CCATCCTATG GGTCTTTTAC AGTCACATGG CAGCATGACA AAGTCCATCC
 258851 TTTGGGTCCT TTACAGTCGC ATGGCAGCAT GACAAACATA AAGTCCATCC
 258901 TATGGGTCCT TTACAGTCGC ATGGCAGCAT GACAAACATA AAGTCCATCC
 258951 TATGGGTCCT TTACAGTCAC ATGGCAGCAT GACAAACAAA GTCCATCCTA
 259001 TGGGTCCTTT ACAGTCGCAT GGCAGCATGA CAAACAAAGT CCATCCTATG
 259051 GGTCTTTTAC AGTCGCATGG CAGCATGACA AACATAAAGT CCATCCTATG
 259101 GATCCTTTAC AGTCACATGG CAGCATGACA TTGGGAAGTA TTCTGCTGTG
 259151 CTGGCTGCAC TCTTAGCTTC TTTGGTGCAG TGAGGTTGTG CTTGTGGGT
 259201 CAATGACTTC TGCACCGCTG GAAGCTCCTC AGAGAGATGG GGCTACAGGG
 259251 AAGAGGACAC ACGGAGACAC ACACACACAC ACACACACAC ACACACACAC
 259301 ACACACACAG AGAGAGAGGC TTCAACAGG GGAGCACCCCT TGCACCTCCAT
 259351 CTTTTCAGCA TTAAGAGAGT GTTTGGTGTG CTTCCCCCAG GACTACCCAC
 259401 TGCTCATCTC TGGGTTTGTG GGTCTCACAC ATAGGCAGGG GTCCATATCC
 259451 CAGCCTTCCC TCTGCAAGA GACTGAAGT TGTACAAGA TGTGTTTTAT
 259501 TTATTTTCAC GAGGACACGG GGTCTGTGTA CTTGAGAGAA CTATTCTGAG
 259551 ATCTCACTGA ATACGATTAG AAACCACACA AGCCCTGGTG TCAGGACTCT
 259601 AAGTGGCAGT TATTGAAAAG ATGGTGATGA CTTAGCTGTT TTAATTGGCC
 259651 TCCATGCAGG AGTACCCTAG TTCTGCTGGT TCAGGCGGGT AGATTTTAA
 259701 CCTGGTCTTA TAAGAGCTGC ATTTTCCAGG CAGTTTCTCT GTTCCAGGCT
 259751 CCATGCTGGG GACTTTCCGT ACACCATCTC ACTTAATCCT CACAGCTACC
 259801 CAGTGTGGCA AGTTCTATTA GTATCCCAT TTTTCAGATG AGGAACTGA
 259851 GGCACAGGTA AGTAGCCAAC AGTCCCTCCA CAAGGAAGCA GAGGTAGCCG
 259901 GCTATGAGTT CTGAGCAGCT GGAAGTAGA GGCACAGGTT GCGAAGTGGA
 259951 GGACACACAG CTGAGAGTGG CCCACTCCCG CCCAGTCACC TCCGTGAGCA
 260001 CTCCTGCCCT TTCTGCCCCC CAGCTCCTGC ACCTGGCCAG ACTTGGGGGC
 260051 TCTCACAGG TTTGAGCCCC TTTCCCATGG CATCCTGGGA CCCCCACCA
 260101 CTCCTATGGG GTTATGATCT GCTCCTCCA GGAGAATGGG ATGTAGACTC
 260151 CCCTTCTAGT GGCTGTCTCT ACTGTTCTCA TCTCCAAATT CTTTCCCT
 260201 CTCCCTCCCA GACAAGTGAC TTGATCTCTC ATTGGGAGGG AAAACTAGCT
 260251 CTGAAATTCC TACACATTCT CCCCAGTGCC TCTGCTTAGA CTCTAACTT
 260301 TATGGACTCC ATAGCTTTAT TCTTTGCTAT GAAAAGCTAA GATTTTGCAG
 260351 CTTAGACAT AAATTACCTT TCAAAAGCCT GTTTTCTGCA AATCAAAAGC
 260401 CTTCAATTTT AGAAAATGGT CTCTGGTATG ATTTTCAAGA GCCAAGAGTT
 260451 TGATACCTTT ATGCTCTGTG CACCATACTT TTCTCTGAGA CCATAACATT
 260501 CAGCCTCATG TCTTATTTTA ATGGTGGAAG AACTTAGGAG AAAAAACAA
 260551 TTCCTGAAA ATGAAAAACC ACTGGCCATC ATTCTGAAAT ACTATCCTCA
 260601 CCAAACATAT GCTTTGGACA AAAGTGGGCC TCAGTTTCCCT TGTCTTTTGA
 260651 GTGAGGGGCT GGATATGCTA GTCTCTCAGG TTCTTCTTGG CTATGATGCA
 260701 GGTGCTTTAC ACTTTTGGG TCTGTTTCTT CATCTCTAAA GTGGAACTA
 260751 GGTCTATTTA TGGAATTAAA TAAATAGAAA TAATGCAGCT ATAACATACC
 260801 TGGCTCAGAG TGGGCCATTA ATGAATAGTA AGGGAGGTTT TGTTTGT
 260851 TGTTTTTATT AATCATTTGTC TTATTCAAGG TCCTCTTGAG GACTAAGAAA
 260901 AGGAAAATAC GTGGTGTTCA TCTGACCTCA AGGGATTGAA AGTCAAGGCT
 260951 GAGCTCAGTG GCTCATGCCT ATAATCGCAG CACTTTGGAA ATCCAAGGTG
 261001 GGTGGATCAC TTGAGGTCAG AAATTCGAGA CCAGCCTGGC CAACATGGTG
 261051 AAACCCCATC TATAACCTA TCTATACTAA AAATACAAA ATTAACCAGG
 261101 CATGGTGGCA CAGCCCTGTT GTCCAGCTA CTCAGGAGGC TGAGGCAGGA
 261151 GAATCACTTG AACCCAGGAG GCAGAGGTTG CAGTGAGCTG AGATCACACC
 261201 ACTGCACTCC AGCCTGGGCA ACAGAGACTC TGTATCAAAA AAGTAAAAAT
 261251 AAAAAAGATT AGAAGTCAAG AGGATTGGGT GGGGTCACCT GTACGCTGCC
 261301 CAGGGAGCAT ACTAACTGA GCCTGCTGTG TGACACACCT CCCGACAGAG
 261351 GGAGTTCACA CGCAGCCCTC CCAGGGGAAG AGACAGAGAC CTACACAGCC
 261401 ACAGGCAATG CACACCGGTG TCTACTGCCT GCACTGATCA ACCCATCATG

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261451 CACAATGCAG CGGACAAACG GGGATCGTGA GACATTTTGA GAAAGCCAAG
 261501 AGCACAAAAG GGAAGAACCA ACAGGAAGGA AAAGAGCAAC TGGCTGTGGG
 261551 GGATAGGGAA CAAAGGAAAA ATTTTAAAT TTTTAAATCT AATAAAAAAA
 261601 AACCTTTAGA GGGACTTGAT AAAACATTTC CATAAAAATA GAACAGGTTG
 261651 TTATGAGAAA GGAAATAGC CCAAGAAGTA TTTCTTGGA ATTAATAATG
 261701 CAGTCACCAA CATTAAACCT TCCATAGAAG GAGCCGAAGA ATAAGTCAAG
 261751 GAAGTATCCC ACAACTTAGA TTAAAAGTCA AAGAAATGGA AAAGGCGAGA
 261801 GAGAACTGA GAAACACAGA TGA CTAGCAA TACCAATATC TAACTAATAT
 261851 CAACCCAGAA AGAGAGAACA AAGAACTTA AGAGCAGGAA ATTACCAAAG
 261901 GAATAACAGA AGAAACTCC CCAGAGCTGA GCTAAGATAT AGACCTTCAA
 261951 AAAGAATGAC CCACTGAGAC AGAAGCAGGG GGAATGAAA AAAGACCCAC
 262001 AGTTGTATAG TTGCGTATCC TCTTGATATT TCAGAACATT TAGGATAAAG
 262051 AGAAGATTCT CAAAGCTTCC AGAGGTAAAA GACAAGTTAT CAACAAAGGA
 262101 TCAGGAATCA TTGTTGGCAG ATTGGCATTG GCAACACTGG AAGGCAGTGA
 262151 GGTAAATTGCC TTCACAGTTC TTTTATTTTT ATTTTTTATT TATTTATTAT
 262201 ACTTTAAGTT CTGGGATACG TGTGCAGAAC GTGCAGGTTT GTTACATACG
 262251 TGTACATGTG CCATGGTGGT TTGCTGCACC CATCAACCCA TCATCTAGGT
 262301 TTTAAGCCCG GCGTGCATTA GGTATTTGTT CTAATGCTCT CCTTCCCCTT
 262351 GCCCCAACC CCCTGACAGG CCGCAGTGTG TGATATTCCC CTCCCTCTAT
 262401 CCATGTGTTT CCATTGTTCA ACTCCCACTT ATGAGTAAGA ACATGTGGTG
 262451 TTTGGTTTTT TGCTCCTGTG TTAGTTTGCT GAGAATGATG GTTTCCGGCT
 262501 TCATTCATGT CCCTGCAAAG GACATGAAC CATTCTTTTT AATGGCTGCA
 262551 TAGTATTCTA TGTTGTGTAT GTGCCACATT TCCTTTATCC AGTCTACCGT
 262601 TGATGGGCTT TTGGATTGGT TCCAAGTCTT TGTTATCGTG AATAGTGGCG
 262651 CAATAACAT ACATGTGCAT GTGTCTTTAT AGTAGAATAG GATTTATAGT
 262701 CCTTTGGGTA TATACCCAGT AATGGGATTG CTGGGTCAA TGGTATTTCT
 262751 GGTTCAGAT CCTTGAGGAA TCGCCACACT GTCTTTCACA ATGGCTGAAC
 262801 TAATTTATAC TCCCACCAAC AGTGTA AAAA CGTTCCCTATT TCTTCACATC
 262851 CTTTCCAGCA TCTGTTTCC T GACTTTTTAA TGATCGCCAT TCTAACTGGT
 262901 GTAAGATGGT ATCTCATTGT GGTTTTGATT TGCAATTCGT TGATGGCCAG
 262951 TGATGATGAG CTTTTTTTCA TATGTTTGTT GGCCGGACTC CTTCTTACA
 263001 CCTTGACAA AAATTAATTC AAGATGGACT AAAGACTTAA ATGTAAAACC
 263051 TAAACCGTA AAAACCTAG AAGAAAACCT AGGCAATACC ATTCACGATG
 263101 TAGGCATGGG CAAAGACTTC ATGACTAAAA CACCAAAAGC AATTACAACA
 263151 AAAGCCAAAA TAGACAAATG GGATCTAATT AAATAAAGA GCTTCTGCAC
 263201 AGCAAAAGAA ACTATCATCA GAGTGAACAG GCAACCTACG GAATAGGAGA
 263251 AAATTTTTGC ATCTACCCA TCTGACAAAG GGCTAATATC CAGAATCTAC
 263301 AAGGAACCTA AACAAATTTA TAATAGAAAA ACAACCCCAT CTAAAGGTGG
 263351 GCAAAGGATA TGAACAGACA CTTGCCTTCA CATTCTTAAG GGCAAACAAT
 263401 TTTGTACCTA GACTTCTATA CCAAATAAAA ACATTTTCAG TATACAAGAA
 263451 ATGAGATTTC TTGTATATCT TTCTGATTTA AAAAGTGGGG GCCCTGTAGT
 263501 ACCAGCTACT TGGGAGGCTG AGGCAGGAGA ATGGCGTGAA CCCGGGAGGC
 263551 GGAGCTTGCA GTGAGTGGAG ATCGTTCCAC TGCACCTCAG CCTGGGAGAC
 263601 AGAGCGAGAC TCCGTCTCAA AAAAAAAAAA AAAAAAGTGG GGGCATGGAG
 263651 GGTGAGGAGT GTAATCCAGC AAGACAGAAA AGGAACCTAG AAAGAAGAAG
 263701 AGCTGGTCCA AGAAACAGAA GAGCTAAGCC AGGTATCCAG TGAACAAAAA
 263751 CCCC GG CAGG ACTTGTGGGA CAACTGTGTA AGAAACCTGG GAGAGAAATCC
 263801 ATTCACGTTA GAACAGAAAG TCAGAAGGTT CTGAAAAGCA AGTCTTCAAG
 263851 AAGAAAGTTA ATTCCATTGA AAAAAATAA GATGAAGAAA CTGGAAGACC
 263901 TCAGAGATAT GATGAAGAAT ACGTATGTGC TATCCCTCAA TAAATTTTTT
 263951 AAGGCAGTTA AAAATTCTGG AGAAGGCAAA TTGCTAAACC AGAAAGACAT
 264001 CATAAAAATAT TAAGCAAACCT AAAATATGTC ACGATTTTGA GCAATTAAAG
 264051 GAAGATGAAG AAAGAGACAA ATTTAACTAT GAAGCTTAAA ATAATCTCCT
 264101 TCAAACAGCA CAGGTGAGTC ACCTGGGCTG ACATCTCCCC TGCCGTGAGG
 264151 TTCACTGTAT CTTTCTGCCA TGGATGAGGG TTACATCATC AGAATGTTGA
 264201 TAATGTTCTT TATTCATTTT CACTTTTAGA GTCAATGAAT AGAACTTAC
 264251 ACTTATTACT TATAGTTACA GAATGTAATG AGGTAAAAAT TAATGTTTAA
 264301 GACTGTATAA GTAACAGGGA AGGATCAGGG AATTGATTTT TTCCATAGTG
 264351 AAGGGGCAAG AAAGGTGTTT AATTTGTCCA ATTGTATTAT TTGCAGTTT
 264401 TGTTTTTTAT GGTATGCATA TTTTGCTTTT AAAAAATTTT AAGAAAGTGG
 264451 TGCCATATTA AATATCTGAA GGTGTTTCAC AGGCTGTCTC AGGCCTATAA
 264501 GAATTCACCTG CCTTTTCTGT TCTGTGCCCTT TTACTATATT TTTATTTATT
 264551 TGCCATTCTT CAAAGATTGC AATTTTAAAT TGCTCAATAT ATTTTCTCAG

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264601 TTGAAAATAT CAATGTATTT ATGTAATGAA AATGCCAATA TGTGTGTATA
 264651 TATCTGGAAT TAGCATAGAA ATGATTAAAG CAGTTCAGCG TTGATCAATA
 264701 ATCGTATTTG ATTTGGGATT TTTACTTTGT TTCCCTCGAC CATCCTGTGC
 264751 TTTGATATTT ATTACCACCC ACTGAGATTG TGGCCTCAAC TAAATAGAAC
 264801 TTGCTTAAGG AAATTCAAAA TCTAGCAATT GAATTCAAAGT GGTGTGCTC
 264851 ACAGAATGAC AATACAGAAT TAGGACTTGC AGAGTAAACA GAAACCCAGT
 264901 AGATGGGAAC TGCACCCTTG ATAAAATGTC TCTTACTGCC TTGAATACAA
 264951 CCAAACATCA CCAAACCACA GCCCCCGGCT ATAAAAAACT TTTTTTCAAT
 265001 TATAAGGTCA GAGTCTTCTT TCAACTGCGC TAAGCAGTTT GACCAAAACG
 265051 TGTATTTCTG ATATGTGTGG TTTTGGAAGA CCTAAGATTG TCAAGCCCCA
 265101 GGGTTTCAGAA GGATGCCGCA GTGTTTGAAG AAGTCCTCTG TATTCACGT
 265151 TCTGTATGAA GCTGCCAAGT TGCTCAGGTG TTCCCAGGAA CAGAGAGGTG
 265201 GCCGTGGGCC AGCCTCCCAG GGAGCCCAGA TGCTGGCTGC AGGCTGTCTC
 265251 CACACCCGTG CTGAGTGTCC AGCCAGCCA AGGTATGTCT GCTTTCTGTT
 265301 GGCACCGCTA GTGGCCCTAA GGAGACATTT CACATCAGAG CTAGCGTCAA
 265351 CCCTCCCTCT GTCCCTCTCA CAGAGGACTC AGAACTTTCT CTCTTCTTCC
 265401 AGATTGCTA AGGAATCCG CACCCTGCTT TACCTCTTGC TAACTGAAAT
 265451 AAAAAAGTTT TCCAGGACAA GTGCGCTGAG CCCTTGTGAT GATGCACAAT
 265501 AATCACCCGT GCGACAAGAG CATCCTTCAT CTCGATGGGC CGGCAGGGGT
 265551 GGTCCCTGGC CTGCTTCTAG GAAGAAGGAA AGGCTCAAC TCCCACAGTC
 265601 ATTAGGACAA TCACAGGCAG GTGGGTTTTT TAGAGATGGT GAGAAGCAGC
 265651 TCCCTTATG GTATAAGGAT CCGTGAGCAA TCAGAAACCA GGGTATTCTG
 265701 GGAGATTATT GGAAAGGCAT ACTCTGGGTA CCATGGGTTC TATGGCTGCC
 265751 ATGTGCAAA ACACACAGCG TGAAGGCAAA CGACCAAGGG GGTATGCACA
 265801 AATCGATGTG GCCTTGTTAG GGGTCTGAGA ATCACTGGTC ATTCTTTTTT
 265851 TCTTTTTCCC AAGTTTTCTC ATAGTCCCCA TGAAAGGGGA ATGTTTAGGG
 265901 TTACAATGTT AATTTGCTTT TAACTGACAT TTGCCCTGTG TCTGGGGTGT
 265951 CTCTGCTCAG CTCACCTGCA GCATCTGATT CAGGCTGGAC GTCCATAGTA
 266001 GGCCCTCCAG AAAGACTCAT GGGACACACA GCCCTGGCCA GAGCAGACAG
 266051 GCAGAGGCCG ACTCCAAATG TTCCTCCTTC ATCAGGTGTT GGGGTAAG
 266101 CGCTGTGGAT GAGCAGGTTG ACAGCTTGCC TCCTCACTGC AGTGCTGTAA
 266151 GTAGAAGATG AATGGTGCTG CTTGTTTACA GATAATTGAC ACAGGATTTT
 266201 TCCACTTCCT TGCTTTGGCA GAGGCACAGT TTTGTTTTCT TTGACTCCAA
 266251 GCTAAATTT CCCCTGCCCC TTCTCTGCAA CCTGCCCTG GTGCCCTCTA
 266301 AGCCCTCCCA TGGTGTGAG CAGCCTGACC CCACAGCTTC TCCTCCTACC
 266351 TCTGCCCGCT CTCTCTGCAG CCACATGGGG GTCCAGCGCC TGTTTCCCTC
 266401 CTGCAATCCC TGCCATTCCC TGAACCTCAA GCGACCTCAC CACAGACCTT
 266451 CAGTGCCCCC TCCTGTCAAC AGGAAGGCTC TCCTTCCAGC TCCCTTTCCT
 266501 GCCACTCGTC TGCTGTATTC CCTGTCCATT CCTGGGGCCT CTGTGGACCC
 266551 CACCCTGTGT GGGGTCTGTG CGAGTTGCCA GAGCCAGTGA GGAGATGGCT
 266601 CTAGCCTCAG AGAAATCACA CAGGAAGCCC TGAGTGCCTG GGAGACAGTG
 266651 CTGGAGCAGG TACTAGGCCT GGTGGCAAAG CTACTAGCTC TCTTATAGGC
 266701 TGGAGAGGTG GGGGTGACT GTCATACATT GGAGGGCCAC AGCTACATCA
 266751 ATAAGATACT TTAGTGTTC TTGCATCATG GATGACAGAA TTAAGGTTCA
 266801 GAGAGGGTAA GTGACTTACC AGAGGTCACA TAGCTTATAA GTGGCACATT
 266851 CAAGGTTGAC ACCTAGGGTT TCCTAAAGGA AGAATTCTTC AAGGTGGGCC
 266901 TGGCAGGACA TATGGGATAT GGAGAAGCAG AGAGCGGGGG CTGGAGAGAA
 266951 TGGCACAGAG AGGTGACAGG CCCTGGAGTT AGAACAGAGG TGTTGGTAGG
 267001 TGGCTGTGCT CCCTTGGCAA AAGAGCACCA GACAGAGAGG GGGAAGGGTT
 267051 CCTGTCTGAG AGGTCTCCAC CGGCCTGTCC CTCATCCTCT GCTGCTTCCT
 267101 TCACATGCAC TCACACAGGG GCTTGGTGGG AATTCCTAGG ACCACGTGCA
 267151 AGGGAAATGC CAGGAGAAGC CGTGTCTTGG GGTATGAGAG CCAGCCGCTG
 267201 AGCCCAACTC ACGTCTGTG GGAAGCCACC TCATGGTTAG GGAGTCACCT
 267251 TGACCTTGTG TGAGACCTTA ACTAGTTAAT GTGCATGTGT TTGAATTCCT
 267301 GCACATATTT TTTATGTTT AATTCCCTGCA CACGTTTTTT TTTTTTACTT
 267351 TCCCCTAAGT AAAAAAAAAA AAAAAAAAAA GTGAGCAGGA ACTCAAACAT
 267401 ATTACGTTA ACTAGTAAAG TTAATGTGAA CTCTCTCCTG AGCTCTTAGT
 267451 TTCGAAGGGA GGTCATGTCT GCACAAAGTCG TCTAAGGAAC ACTGTCTTTA
 267501 GAGCCTGGTC TCTCCCTGCT GTGTGATGCG AATGAGAGTG GGCTGGCGGC
 267551 CCCTGCTGTG GGCAGTGA CTGGAGCGCC CTCAGGCACC CCGCACCTGG
 267601 GCCTTGGGGT GGTTTTGAAG CCTAGCTATG CATCCACTTA CCCTAAAGC
 267651 TTTTGACAAT AGAGGGCCAG GCACTGTCTC AGGAGGCTCT CTTCTAGCTG
 267701 TCTCGGGGGC AGCCTGCTCA TTTTGTGTA GTTATCTGAG TGAATTATTT

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267751 TATTCCTTTT TATGTCCTGA GCAAACCCAC ATCCTCATTT TATTAGTGTA
 267801 TTTCCAATTA TTGCATAATG ATTTCCAGTT TAGCTTGGTC TGTGATATGA
 267851 GGACACTTAA TCAAATATCT GTACGATAGG CCTTTAAGTT CTCTAGGGCC
 267901 AGAAGTTTTT CCATCAATTA AGCTTCAAAG AAATGGGTTT TAGGCTCATC
 267951 TGCAACTGTG TTTTTGTGTT TCTTTTATGG CCTTCCTGCC TTCTCCTGGT
 268001 GGCTTTTAGAG ATACCAGGAA ATGTGACGTG GGAATAAGGT ATTTATTAGT
 268051 GGGTGTGCAG AGAATGGGTT TATAATGGTT ATTACAACAT TTTGAAGTGG
 268101 CTGCCTTGAA GCAGGACAAAT TTATGTTTCC ATTACAGTCA CCTTATGAGC
 268151 ACCCCACACA CACAGTTCTG CCAGGAGGGG ACATCTACCC TGGATCCTGT
 268201 GGACTCCCTG GGATCAAACC CCTGGAGGTT TCCTCTGGAG AGAGATTGAC
 268251 CCCCAGAACC TTCCACACAC CCCACACTCA CCCCATGCCT CAGAGGGATG
 268301 AAAATCTGAC CACTAAAATT CAAAGAGTAT TTCTCTGCCA TCCGGGGTGC
 268351 TCCTCCCTCG GAGCCAGGCC AGGCAAGGTG CCATTCTGGG CCTTGACTCC
 268401 TATAGCAATT ACAGGACAGA GGTATCAGC CCCATTGAC AGATGAGGAA
 268451 ATGAGGCCCA GGGAGAGAAG CCCTGGGCTT CCAGCAAGCA AGCAAGTGGG
 268501 TGCTGCTCTG CTCTGAGACT CCCCATGCCT GGAACACGAG TGTGGGGGGA
 268551 AACAGCACC CAGCCCTCC GGCCTATCCT GTGAGCACTC ATGCAGGGAA
 268601 ATAAGAGCAA AAGAGAGAAC TGGGAGGATT CTCAAACCAC AGTGACTCCA
 268651 ATCCCCATAC TTTTTCACAC TGAGTGGAGC TCCCTTCCCC ATCTCTGAAG
 268701 AGGAGAACAG ACCCCAGGTC ATCAAGCCTG GTCCTAGCCA GGGGCAGAGC
 268751 TCTCAGCTAG AGCACCTCGC ACTTGGATTT ATTGTGATG GTTCTCTTTC
 268801 TGCTCTCACC TAGGCAAAGG GGTGGATTT CACTGGAGGA AAGTTCCAGA
 268851 GGAAGCAAAA GGGAAAGCCT GTGAGCATGG AGTATTCTTG TTCAGTTTAC
 268901 CAAGGGCTG TCCTATGGCA CCCTGGACTC AGGGTCAAAG GAAACTTAGA
 268951 GGCCATGCAT GTCTCAGTAG AAGCAACTCT GGACAAAGCC ATGTGTTTCGT
 269001 TCCTTTGTTT ATCTGGCACA TGTTTGTGTA GTGCTAGTTG TATGCCAGGA
 269051 CCCCATTGG CTCATGTCGA TGGTGGGAGG GACATGTGGA CAAGTAGAGG
 269101 AAGCAGAGAT GATCGATGTT CTGAGGGGGT GTCCAGGGCT CTCAGAATAC
 269151 ACAGGAGACT GAACCCAGCC AGGAGTGGTC AGGATAGTGA CATGCAGGAA
 269201 AGCCACGTGC CAGCTAAGAC CCAAAGCCCT CCACCCCTCC CTCCCTGAGA
 269251 GCAGGCCTGT GCCAGTTGC CAGAGGTGTC CTATTCCTGC TCCCTATTCA
 269301 GGGTTGCACT ACCATGATAG GGCAAAGCAG TCATCATTCC ATCAGTGACC
 269351 ACGTGTCTTG AGCAGATGCT GCAAGCCAGC CCTCTGCACA GCCCCACCGA
 269401 TCTGAAGAGG CTTGGAAAGG GCGGGGGGCA AGATTCTAGC TGTGGTGTG
 269451 TAGCCCCAAG GTGATGGTAG GCATGTTTAA GGAAGTGAAG TGGCGCAGGG
 269501 TCGCCAGAAC GGGTGTGTGA GTGGGGAAGG ATGAGGCTGG AGACATAACA
 269551 GGGCAAGTCA GGGAGGCGC TGCCTGGCTC CAGCCCGAAG GCAGTGGGAG
 269601 CCCCCATAAG ATTCTCCAG CTAAGTGTG GGGGAGGATT GGTGGGGACA
 269651 TGATCGGAGG CATAGTGGTC ATCCGGGGGT GTTAATGGCT TCCTGAACCTA
 269701 CAGCAGAGGT GGTAGGAGTG GTGGGAAACT GGCACCCTAA GAGACACAGT
 269751 GGTAGAAATG ACCTGAGCCA GGAAGTATTG GCTGGGGATG GGCAAGATGG
 269801 TGAGGTAGTG CCAGGTGTGC GATTTGGGAA GCAGGGGGCT TGGGTGGAGG
 269851 GGTGTGCGGC TGAGGCTGGG ATGTGAAAGA AGGAGCAGTC TTGATGGTGA
 269901 GTTCCATTTG GGCCATGTTG AGTTGAGGGG CCTGTGGGAC AATGTGGGGA
 269951 AATGTCAGGC CAACAGTGGG GTGGGACATC AGGAGCTCAA GAGAGGATAG
 270001 TGGATACTGG GCTGGATAGT GAGTAGACAC CGCTCCAAGC TTCCCCTGCA
 270051 CCAGCCTCGA TTGAGGGAAC CGAGTATCCA TGGGGGAGCA GAGGGAAGTT
 270101 TCTGTATAGC TTATGCCACT CCACGTCCCA AAGAACCACA GCTTCTGGGA
 270151 ACCTAGAAAA GCATGGGGCA GGAGAAGCAG CCAAATACTC TCAGCAACGA
 270201 CCACCTTTAA AAGGGCCTGA GAACACCAGG GTGGGAAGAT GGAGCATGGT
 270251 GGAGGCCAGT TCCATGGCCA CTCTTGTGTT CTCCCGCAGG AGCCAGTCCA
 270301 GAGTGTGCAC TGGCATAAAT GGGTCAGCAC ACCCCACCAG GGCCTCTAAG
 270351 CATGGAGCAG ACAGGAATAG GGGCACACAC CCGGGGGGTC ATCAGGGCCA
 270401 GGGCCAGTGA GTGACCCGAG TCATCTAGAA ACATGACTCA ATCGACATTT
 270451 ACACCTGCCA ATCAGACATC TCCCCATGGG TGACCTGGGA GACCTATGTG
 270501 CACACCAAGG ACCCAGAGAG TTAAGCTCAC ACTCGGATAC ATCCTGTGAT
 270551 GGAAAGACAC CCCTGGAGCT CTCCTGCCAG AAGCCCTCCG CACGCATACT
 270601 CACCACCCAA ACCCCCTCAT CTAAGGCCAC ACAATTTTAA GTGATCTGTA
 270651 GGCAAGAACC ATGACTGTCT TCACATTTGA TCTCCATTTT TCCAAACAGT
 270701 ATCCTATCCT CCAAATGCT CACTACCTAG CGCCTTAAAA GTCAAATCAA
 270751 CTCCACTGAG TTGGCTCACT TTTTAAAAGA TGCTTCTCCA GCTCTTATGT
 270801 TTGCTTTCTG ATGGAGGGGA CAACTAGCCT TAGCTACTTG GAGCATGTTG
 270851 AAAGCTCTGA GTGGTGTGCA GCATCGACTC TGTAACATCC AGCCTGAAAC

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270901 TTGGAGGCAT AAGCTGGGAA AATGTCCTAA GACATGGGTG GCATTTCAAA
 270951 TGTAATTATT GCTGGTATTC CCATTTGGCA GCCCAGCTTT CAAGCCAGCC
 271001 AACTCCCTCA TTTTATATTT ACTTTTAGTC CCACACTATT TTCTGTGATC
 271051 CATTAGCTCT AGGAAGTCAT TTAAAAGCTA TAATCACGGC GCTTGTCTCA
 271101 GGTGGATGCA ATCCAGATAA ATGGACCCAG ATCCACTCCT CGAAGAAGCC
 271151 TCGGGCTCCA ATTACAGCGT AATGCACCCC AATTAAACAA GCAGAGCCAG
 271201 CTGCCCCGTG GAGTTCTACC TCATCTGCAT TTAAAAACTA GGGAAAGTGT
 271251 GGGCAAGAGT CCGTTGCAGA GGACGCTTAA CAGCCCGCTT CCTAGTTGGA
 271301 AAATGTACCT TTGGCCTTGC ATTTGGGTCA CAGGTGCAAG AAGCCCCCAC
 271351 CTAGAATGCA ATCATGATGT CCCTCAATGG TTTGCCTCAT CATCCTGGTG
 271401 CACGCTGTCT AGAAGTAAGC TTGCCACCA CAGCCCCATG CTGGTGCAAG
 271451 GGCAGGTTGG GGGCTCTGGG CCTTACCGGA GAGGACGATA TCCCAAATCG
 271501 AGCACTGTGG GCCTGCAGCC CGCCATCCCC GAACACAGGC CTGTGCCCAG
 271551 TTGCCAGAGG TGTCCCGTTC CCGAGACAGG GGTGTGTTGC TGTGATAGGG
 271601 CAAATCATTC ATCATTCCAT TAGTGGTCAC AGGTCTTGAG CACATACTGC
 271651 GAGCCCTCCA TCCCCATGGA TCTGGAGAGG CCTGGGAAGG GGTGGACACA
 271701 GCCCCTGCCC CGGGGTACAC AGTGTGGTCA TGGAAATGGT GCTCACTCTC
 271751 CTCAAGCATT AGATGCTACA TGCCTAGAAG GGCTCAAGGG AGACAAGCAC
 271801 AGGCTGGGGA ATCAGAAAAG GCCCCAGGGA GGATGAAGGA CCTGGCTGGC
 271851 TCAATAGAAA GACAGGCACA CAGGGTCAGG CCTGCAGGGA ACCATGGGAC
 271901 AGAACTGGCT GTAGGGTTGT TTAGATGGAG TGGGCAGGAG GATGTGTTGA
 271951 AGAAGATGTG GGGGCCCTGA TGACAAGTCT AGGCAGTGAC TTCATCAGTC
 272001 AGCCTCTCAC CCCTGCCCTG GGTCAATGGG GGCAGGGAAT AAAATCCGTA
 272051 CCATCCTTTT CTCACCTTCC TTAACAGAAG AGCATTCACA CAGCTCTCAG
 272101 CACTCAACGC TGA CTGTCAGA GCGGCTGTG GTCAGGAGAG GGGAGCAGGA
 272151 TGGGAGAGAG ACAGCCAGAA GGGAAATCGC TCAGCCAGCT GTGCCACAT
 272201 CTTCTCATGT CCTGGGGCAT GGGCTTCTGG AGAGCAGGGC TCGAGCCTCG
 272251 CCCCCTTCTC CACCCACTTC ACACCTCAGC GTAGTGGAAG GCAGGGTGGG
 272301 GTCAGTGCTT GTTTGTTGAG TGATGAGGAC TGTTCAAGGC TGGCTGTGCT
 272351 CATTCCCCAC CCCACCTTG CCTCCTCCCC GAGCTGGACA GCCCAGCTTT
 272401 GCTGGGGAGG ATGCGGCAAG GGTCAAGGAC AGTTCCAGGG CCTCAAAATG
 272451 ATGAGGGCTG CTGTCCCGTG GTTATGGTTT GGAGCTCTTC ACCTTGTCGC
 272501 TATTTGGTCT ATGTTCAATC TGGGATCTAG AGTTACAGTA AGTCCCGGTA
 272551 GTAATTCACA TGCTCATGAA TTCACAGAGC AGGGTAAGCT ATGGGTTGCC
 272601 TATCTCTGCC AAGCCAGATA TTTGGAATGG TTATAAATAT CTCCCCTGT
 272651 CAAGTAGAGG TCCCTCTGCT CCCTCAATGC AAACCACATA GCTTGGGATC
 272701 CATTAGTTCA TTCAAATAA TTAAGAAGCA CCCCTCATGG GTGTGGTGGG
 272751 TATAATAATT CACAAGGCAA AACTCTTCCT GTCCCAAGGA TCCCAGTGTT
 272801 GGTGCATCAG GGCCCATCTT CTTGGTGGGC ATCACACTGC ATGCTGGAGG
 272851 AAGAATCAGC TTTATAGGGC AGTTAATGTT GAAAGTCAAG TGCAGAATTT
 272901 GGACTCTGAT TGCCACCCCC CCCAAGAAAG GGGAGGGGAG AGCTGTTTCA
 272951 GGAAGGCTTT CTAGAAAAAA AAAGAAATG AAGCTGTCCC CAGGGGACAG
 273001 TTTAGGGGTT GATAGGGGGA CATTTCAGGT AGAGGAGGCC AACCATGCAA
 273051 GGCCTGGAGG GAGGAGGCT GGGCCTGTCC GGGGGTGGCT TGCTGGCCAG
 273101 TCAGGCATGA CTGGACCATG AGGGGAAGGG GCAGAAAAGT CCATCTTGAT
 273151 TCCTCCTGGG CAGGAGACCC TTGACGTCTC TTTTGTGTG ACGTGAGCTG
 273201 AACAGCCAGG GCCGTGAAGG TCGAGTCCCA GCCGTGCCTG AGTCCATACT
 273251 TCAGTCCTCA AACCCTTGAG AAGCCTAGGA GGGGAGAGCA GGGCAGACGA
 273301 GGCCAGGGCA TGGCCTGTGA GAGGCTCCTC AGGCCTTACA CATTGGCCCT
 273351 GTGTGCTCAG AGGTCTCCAA GGAGGCCAG TTTTATGTCA GGGCCCATGA
 273401 CAAACCTTCA CCAAGAACAG ACTAAGTGA CACCTGCCTC CATACCGATA
 273451 CCTCTGAGCC AGGAGCCACG GCCAGCCACG CCTTCAACAT GAGGAGGTGG
 273501 TGCCGTGTCA GCACAGACCG CCAGGTGTTT CGGGAGCCTT GCTCACAGTG
 273551 TTTGTGTAGG ACACCCCAAG GTGTCTTAGC TCCTGGACTA AGCCTCCTTT
 273601 AGATACCTCT GGGAGCTGAG TATTGGGTGA GGCCAGGACG CCCTGGGGCA
 273651 GTGGGGATCC CCTGACTCTT AGGCCTTGTA TTCTTCTCCT AAGGCTGCTT
 273701 GGCAAAACCC ACACCCCAAG CCAGCCTCCT CCCAGAGAG CCCAGGCCTC
 273751 CTGGCAGCCC TGGGTTGAAG GGATGCCAG CCCAGGATGG CAGAGTCTCA
 273801 GGGACCAGAT GAGCTGCCGC CACTTCCATA TCAGTGACCC TCTCCTGTGA
 273851 GCCCCGACCC TTCCCACCCC TCCCCCATGT ACCTAGGCCT GGGCTTGGCT
 273901 GAGGACAAAT ACTGTCTACT CAAAGCAACT GCTGTCTTTC AGACATATTG
 273951 AGAAACATCA GGTTACCTTT TTTAAATAAA CATATCATTTG AAGCATAACA
 274001 CAGAGAGAAA ATGAATAAGT CATAAGTGTA TAGCTCAGTG AACTTCCACA

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274051 GAGAACATAT CTGCGTAACC AGCACCCAGA TCAAAAGACA GAATCTTACC
 274101 AGTGCCACAGA CGCACCCAC ACCATGCTET ATTCCAGTGT GACCCACCCA
 274151 AGCATACCCA CTACTCAGGT GGCCTTTTGA AAGAGGAGAG GGCATGACTG
 274201 TGACAAAGCA GAAGGGTGGC TAACACCAGC ACTGCCACTT AGAGGGGTGC
 274251 CCAGGTAGAG GGGAAACAGG GAAGAGAGCA GAGGCCATGA GGTAAAGAAA
 274301 AGCTTCATGT GAGTGTGGAA GAGAACGACC CAGTGAGCGT GGCAGGACCC
 274351 TCGCCAACTG TGA CTGCTGGAAG CTGCATGTAG AACTTGAAGC AATCACCTAG
 274401 GAACTTGTCG TCATGGTAAT GGATTCAGAT GCTTTATCAG TTTGGAAGTC
 274451 GGCTGCAATA TCAGTTTGGG ACTCGAACCA TTTCTAGACT CTACGCCCAA
 274501 AGGAAGACAG ACTTTTGAGT GGAAGCGATA CAAATTACCT GTGGAGCAGA
 274551 AAACAAAGAT TCCTGTTGGC ACTCAGGCTT CCTCTGCTC TAGGTGAGAC
 274601 CTCGGGACCT GGTGCGGGCC TGGCCCTTCC AATGCCCTAG AGGTCAGACA
 274651 TGGGGCATTG AAGGGCCCTC TTGGCTCAGG CTGGGGTCCA GCTCACTCTG
 274701 CCCTTCCCAA GAGCAGCTGT ACTCATGGCT CTGTGTCTGA GGGCCCTGAA
 274751 GAACATCCTG CAACATAGGA TCTTCCAGA TTTCTTTCC CTCAGTCTC
 274801 AGACACTACC CTCTGCCTGA TGCAGGAGGC CCTGCGCAGT GCAGGTCAGC
 274851 CTCTGCCTGA CGTGGAGATG CCCTCGCTGG GTGTGACTCT GCTTGCTCCA
 274901 AAGGGTACCT TGCTCTGGGA ATCGGCTACA GGTCATTCCCT GTCAGTTAAA
 274951 AGACCTGGAA ATCCCCTCTT TGTGTTCCCT ACATTTCTCA GCCCTGGATG
 275001 AGATAGATGA CCAGCCCAGA CGTCTGGATT TCTGAGCCAC AGCTGTGGGC
 275051 AGTAAAGGC AGGATGTGCC AGTGTGTTAG TGACAATAAG ATTTGCCAG
 275101 TAAGGGGCCC CTATGCCTGG GCAGGGTTTC AACGTGGTCC TTGTGCTATA
 275151 GAGATTCTCTG TCCTCTCCCA TCACAGTTAG AGCTGGAAGC CTGGAAGCAG
 275201 GAGAGAAAGG AGGTGGAGAT GGGCAGAAAA ACAAAACAAG AATGTGGGGC
 275251 ACAAAAGGAC AGGCAGGCAA CGGCCTGGCT GCATCGCCAT TGCCCGGGGC
 275301 CCCAGGCCTC TCACTGTTCC TTGGCCTCAG TTTCTAATC AATAAATGAG
 275351 GAGCCTGGAC TACATCATT CAAAACCTTT ATCCCTGCTC CTGGGCACTA
 275401 TGACCTGGGA TTTGTGATGG GCCAGCTGCA TAGGAGCCTC CAAGAGGCAA
 275451 ACAGGGTGCA GGATGGGGCT GGGGCTGAGC TGCCGCCACA TGTGCAGTGT
 275501 CACTGGGATG CACACCCAGA TCCACAGCTG TGTGTGAGAG TGTGAGTGAG
 275551 TGTGTGTGTA TGTGTGTGCA TGAGAGAGAG ACAGACAGAG AGAGAGAGAC
 275601 AGAGAGAGTA AGGACACCTG CACGTGCAAG GACCTATTCT CCAGTGTCTC
 275651 CTCTGCACCT GAGCCTATAC TGGGTGCCAT GAGCCTCCAA AAGAAATGAA
 275701 AGAGTTTCTC ACCCCAGCCT TGTGAAACTC TTACCAGAGT GTTATCTCA
 275751 CCAACACAG AGCACCATTG GTGGTAAAAA CAAAATGGA GGTGAGAGTG
 275801 TGATTGGCTT ATTTAGCTGA TGGCTCCTGT TTTTATTAGG AGCCATGACA
 275851 TCATCAAGTG GCATTTCTTG AGCCTCACTT ACCAGATGAT TTCTCAGTAT
 275901 TTGCCCTTCT GCTTGGAAAG TTCTTTATGA ATATTTTAA CACATTTTCA
 275951 AAGCATAAGT CAGAAGACAG GTTAACACAT TCTGAAGCAA AACATGCTAA
 276001 TTCTGTGACA CGTGATCTGC ACCATATCCA CAGGGACACA GGTGCATAGG
 276051 GCTCCTGCTG GGATCTCAGA TGGGAAGACC CTCAGGCTGC AGGCCACTGG
 276101 CTCCGCCCTC CCGGCCCCAG GTGTTCTCTG AGCTGTGTAC ACTTTTCTTT
 276151 GGAGAATCCA AGAGGGTCCC TGTCACCTCC ATCAACTGTG GATCCTGAAC
 276201 CTCTCAAAGC ATCTGAATCC ATTACCATGA CAGACAAGGC AGCCAGGAGG
 276251 CCATTCTCAG GCTCTGGGAA CTGATAAATA TGGAGGCAGA GAGCAGGCTG
 276301 GAGTCATTGC GCAGTGTGTG AGTCTAGTGA GAGCCAGCAC ATCTGCCAAA
 276351 TCCCATCAGG CTGCTGCTTT CGCTCCTTTC CCGGTGTTCA GGGAGTGAGC
 276401 AGTGCAGATG CATTATGGCT GAGATGTGTC TGGAATCAA CTCCATCGCT
 276451 GGAAGAGGAG GGCTTTCTGA GCGCTCGGAG GACCCACACC TGGTTTGCTG
 276501 TTTATCCCCA CTGCCAACCC TCCCTCGGCA GCCCGGCTT CTCACACTGC
 276551 CAGGCCCTGC ATCTGGATG TGAGCTGAGA CCACAGCCTG CGCATCAGCT
 276601 CAGAAGCTTC AGTTTGA AAA ACCACACGT TCCGCTGGC ACCGACTTTC
 276651 ACAGAAATGA GGGTTTCTGC AGCTCCCTCC ACGGGCTGCC CACATTTTGA
 276701 TAAGTTTCCC GTGTAGATAA TCCTCAGAAC AGCAGTGCAG GTGACGGGGA
 276751 AGGAGAGCCT TCTCACTCTC CTCCCAGAGG CTCAAGCCCT GGAAATCTC
 276801 CAAAGATCTC CCGAAATGGC TGGTGTTCGC TTTCAGAGTT GTGGAGTTT
 276851 GTTTTATTTT GACCAGGAT TTA CTGTTCAA TCGTTCAAGT CCGAGAGGTT
 276901 AAGATAAATC TTCAAACCTC AGGAAATTC TCTGAGCCGT CTCAGGTCTA
 276951 AAACCTCTG TTTGGGTCAT TCTTCTCTGA AATGCCATTT CCTGCCAAGC
 277001 TCATGTAAGA GCACGTATCG CCGGCTTATA GCAGACCCGT TTTCTGAGAG
 277051 CATTCTGAGG CAGTTTCCCT GTAACACCTT TTCTTTAAA GTAAATGACC
 277101 CCAGGAGCCC CTTCCGCAGG TGAATGTGGA ATGTGTTAAC ATTTGGGGAG
 277151 TTCCTTCTG GAGACTGCAG TTCAATGGCA TTGATTGCA GTCCAGGCAC

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277201 CCCTCACATC AGAGGACCAG AATCTCTGCT TGTGTCTTG AAAACCCAGT
 277251 GACTCTTTGG CTTGGCTCAG AAGCTGAAGA TCAACACAGA GGAGAGAAAA
 277301 ACACCATGAG CTGCCAGGCC TGTGAGACGC CCGCTCAGAA ACTGCTACTG
 277351 CCCAGTCTC CCCACCTGTT ATTTACAGGC ACACCTGCCC TGCCTGGGGG
 277401 TGTCTTGGGA GAACAGAGAC AGGAGAGAGC CCAGTTCTGG AGAAGGCCCT
 277451 GCCGGGACCT ATGCCGGGCT GCTTTCCCTC TCAGCGGGGC TTGCTGTCTC
 277501 TACCCCACTG CACAGAGGTG ATGCCTCTTC CTCTGGGGCT GCTGTGGGCT
 277551 GCCTTCCTAG AGGCCAGGAG CCTCCATGGC CCCCAGGCAT GACCTGAAT
 277601 CCCCTGCCCC CCGTGTCTTG ACCATGCTGG CAGAGCTTGC ACACAGGTGC
 277651 ACGTGTGTCC ACAGCATAAC CACAGGGACA CACTCACACT TCAGCACATA
 277701 TGCACACACA GGCATACTCC CACACTGTTT CCGCTGTTCT TAAAAATCA
 277751 CAGTACCTGG GAGTGTGAAA AGAAGTAAGG CCACAGATTT GGGTTGCTCT
 277801 TGTAAATCAC TTGTCTTTAC CCCCTGTCAG ACCTAAAGCC ACCTTTTTAT
 277851 AGCAAATCTT TTGTAAAGCC CCCCTTTATT ATCTTGAAAT GGATACATGT
 277901 CATCAAATAT GACATATATT TGATATGAGG GATATATCTA AGTCTATCC
 277951 CATATATGTG TGGTGTATTA TTCTTTGGAT ATTTGTACCC TGAATCTCA
 278001 TGTGAAATG CAATCCCCAG TGTGGAGGT GGGGCCTGGT AGGAGGTGAT
 278051 TGGATCATGG GGGTGGGATT CTCATGAATG GCTTGGCACC ATCCCTCACC
 278101 GGCTGTCTCT ACGGTAGTGA GTCCTTGCGA GATCTGGTTG TTTAAAGGG
 278151 TGTGGCATCT CTCTGCCCAC TCTCTTGCCC CTGCTCTTGC CCTGTGAGAT
 278201 ACCTGCTCCC CTTTACCTT CTTTCATGAG TAAAGCTTC CTGAGGCCTC
 278251 ACCAGAAGCT GTTGCCAGCG CTATACATCC TGTACAGCCT GCAGAAGTGT
 278301 GAGCCAATTC TTTTCTTATA AATTACCCAG ACTCAGGTAT TTCTTTATAG
 278351 CAATGCAAGA ACAGCCTAAT ACAATGTGAT AAAAAGGAGA AATGCAGGAA
 278401 AAGTGATGAG CATAAAAATA ACCTTTCAGT ATGTAAATAT CTGGGCACCA
 278451 GCTGCACTCA TGGAGGCCAG ATGTCAGCAC CTACACGTGG AACCCTAAGA
 278501 ATACAACAGC TGCAAACAGA ACCTGTTACA CGTCTGTTAT GTTGACAAC
 278551 TGAATATTCA AGTGTGTGCG CTTTAGAGAT GGGATTCTCC AAAATGGTGA
 278601 ATGATTCTTG ATAAAAATAGT AAACAGAATC TACAATTGAC AGCAGAGGTG
 278651 CATCCTTGGA ATGCCTTTGC CAAACCCGGG GCAAAGGGGG TGAATGTCGT
 278701 GTAACACATT AGATTCTAGG CTAAGTAAT AGTAACCAGA TGTTTGCTG
 278751 CCGTGAGTGA GACATTTAAA AATTCAGATG AGATGCCAGG TGTGATGGTT
 278801 AATACTGAAC GTCAACTTGA TTGGATTGAG GGATACAAAG TATTAAGCCT
 278851 GGCTGTGTCT GTGAGGGTGT TGCCAAAGGA GATTAACATT TGAGTCAGGG
 278901 GGTGAGGGA GGCAGATCCA CCCTTGATCT GGTGGGCACA ATCTAGTCAG
 278951 CTTCAGCGA ATATAAGAA GGCAGAAAAA TGTGAAAAGG AGAGACGGGC
 279001 CTGGCCTCCC AGCCTACATC TTTTCCCAG GCTGGTTGCT TCCTGCCCTC
 279051 GAGCATCAGA GTCCAAAGTT CTCAGTTCTG GGACTCGGAC TGGCTCTCCT
 279101 TGCTCCTCAG CTTGCAGACA GTCTATTGTG GGACCTTGTG AGAGCTGCAA
 279151 ACAGAACCTG TTACAGGTGT GTAAGTTAAT ACTTAATAAA TAAATATATA
 279201 TATATCTCTC TCTCTCTTTT GAGTTCTGGC CCTCTAAGAG AACCCCGACT
 279251 AATACACCAG GCCAGCAGAA GTTTTTGTGC AGGATGGTAC CGTGAAGGTC
 279301 AGGATCGTGA GGACCCCTGG CCCCACCCAT TAAGTGCTAC CAAGGCCCTC
 279351 CAATCATTGT GACAACCAA AACATCCCCA CAAAATTCCA AAACGCCCTC
 279401 TGGGGAGAGC ACTGCCCTTG TTGAGACCGT TTATAGAGAC TCCTTGATG
 279451 TGCGATGAGT CCATGTGGGA GCTAAGTGCT CCCTTTGCCCT GACCCATCAG
 279501 CCTCAGTCTG GAGCCAGTAA CCCTCATCTT GATCACTCGC GGAGGAAGCG
 279551 ACAGCCTCAG ACCCGGCCGT GTCTCTATGG ATGTGCCAC CACTCAGTCT
 279601 AGTGGCCACT CAAAGGCCAC AGTAGCTCAA GCTCAAAGCA GCTACATTC
 279651 TGGACATCAC TGACGCCATT GCCTCGCTGA CGCTGAGCAA AGTTACTGCC
 279701 AGCTCCACAG CCGGCCCTTT CCCCTTAGTT AGATGTTTGG GAGGATGCAG
 279751 CCTCCCAAGG AAGTCTTGGA AAAAAATTA ATAAAAATTA ACAGGAGGTG
 279801 GAGAAGGCAC CCACACTCCC ATATCCCCTC CGACTTCCCT GCCTGGTGAC
 279851 TGACCTCTAG TCCAGCACTA CTGCTTCTGC TCTTGGGGCT GGTGACAGGG
 279901 AGAGTGGGAG GAGGGCTGAG CTGCTGGACA GGGCAAAGGG GGAGCCGGAG
 279951 TTCATAAGAA GCTGTTGCCC ACCTTCCACA AGGAATGCTG ACCTGTTAGG
 280001 GAATCTAGCT GGTGGAGGTT TTCCACTAAC ACAATAGTAA AAAATAAAGT
 280051 TCTTAATACC AGGAGAGCTT TAGCATTTAT TCATGTTTTC ATACAGTGCT
 280101 CTTTCACTCT GGGGCCACCT GACAGATCTG CCAGTCAACC ATAAAAAGTA
 280151 TATGTGGATC CCTCTCCAG GGATCCAACC AATTTTGCTT TCTCTAATAG
 280201 GAATAAAAGA GAGGATTGTA AATGTCAGAC AGCAGATTGT ATAGCAACAT
 280251 CAATTGAACC AGGCATTCAT AAGCAAATGT ACCATTTATC TAACAAAGGT
 280301 CTGGGTGGTT TTGTTAATTT AAATGACCTG ATGCTGGGGT GCAAATTGAG

280351 ATGAGGCATT GTCTGCGTAT TCAGGTGCAA GTGGAGGTGG ATATTGCCAC
 280401 CAGCCTTGGA GTCGGCTGGA TCTGCTCCAG TGCAGCACAG CCGGGGAACC
 280451 AGGCGCAAGG TCTGCATGGC CTCGTGTGTG TTTAACCCCTG GGTAAAAGGC
 280501 CATGTC AAGC CTTACACATG CAGATTCTGT TTGTGGTTCC AAAGTGAGCC
 280551 TTGTACCTTC AACCTAGAAA ATTCAAAATT AGCTGAGATG ACAAATATGG
 280601 AACTCCAGG GAAAAGACCA GATGGAACT GACCGAGAAT AGTTTGGCAG
 280651 CCTTGATGCA AGGCCCTCTT TGAATCCTGG GAGGATGAGG GGCTAAATCT
 280701 AAGAGGCTGT AACCACCTGA TTTCCCTCAG CCAGTCCCTG GATGCTAGAG
 280751 TACCCACACG CCAAATCCTT TATGTAGGAT CCCAGGACCT TGGCATGGCC
 280801 AAATGCCAGC AGGTGACCTT TGAGAGAACC AACCCTTTCA GCCGCAAACT
 280851 CAGCTGCTGT TGATGGCTGT CAGCTCAGCT CAACAAGAGA CAGACCCAGT
 280901 CCTGTAGCCA TGCCCTCCTC CCCCTGAAGC CTTTATACTG GCCTCTGTTT
 280951 CCCAATTAGA GGAACCAGCA CATCCATGCC TTACCGGGAA GCAAGAGCCA
 281001 GGATGTTGGA AGGAACTGCT CGGCTCTGTC TCTGGGTCTT GGCTGAGAGG
 281051 CGGGCACCTT CCAGCTATTA CCCAGTTTCT CTTTCTGATT TAATCCCTGG
 281101 TAGTTTTCCT TCCAGGCCCC CTCCTGAGAG CCAGTCAGCT CTCAAGCAAG
 281151 GTGGCCAAGT GAGCCCTGTC AGGTAGGGGG AAGGTAAGCA TGTTTGCTAA
 281201 AACTGTGTTT CCCAAAGCGT GCTCAGTGGA CTATCTGTGC TAGAATCAGC
 281251 AGACTCTTAA AATGCAGCTT TCCGGGCCTC ACCCCATACT TGCTACCCTT
 281301 CTAGAAGCTG AAAATTTGTT TCTAACAGAC CTGCAGACCT TCTAGAGGTG
 281351 AGAATCTATA GCAGCTCTCC CATACCGTTG CGTTTCCTCA GCTAGGCCTG
 281401 TCCTGGGCTT CCTCTAGGGA AAGCCAGAGT AAACAGGTTT TTCGTTGAGT
 281451 TTCCTGAGGC CCTGGTGTGA TGTGGTTGAA AGACCAGGGT CAGGAGATCT
 281501 GGGTTCTGAT CTGTGATCTG CTACTAGTCT GCCCGTGGT CCAGCCACGT
 281551 CCCTTCCCCA CCTGGGCTT CAGTTTTCCC ATCTGTCTAA TGACTGCATT
 281601 TGGCTCATTG CTGGTTCTGG TGTGGGACT AAGGAGTGAG GAGTGTTCCTA
 281651 GGGAAAGCTC CAAGTGATGG AAGGGACAGG AGGCAGGCTG AGTTCTCTCA
 281701 GGCCATGGGC AGGCTGCAGC ACCTGGTGAA GGTATGCCCA CCGTAGGTCC
 281751 CTGTTAGCAG TGTTCTCTAA GAACGTGAAG TTATTCACCC AAGAGATACA
 281801 AAGATGCTGG GAGCAGTCTT TGCTTTAAGA AGCTCAGTCT AGGAGATAGG
 281851 ACAAGGACAA ACCCTCCAG GCTCACAGAG CCAAGGTCCA GAGTGTGTGG
 281901 TTTGGAATGG ATGGAACAG CTCTGTGGAA CTGGGCCCTG GCAGAAAAGT
 281951 CAGATTTGAA GAGAGGGTCT GCCAGGAGTG GGGCACCTGG GAGCAAGCTC
 282001 TCGGGGCGGG CTTTCTGGCA GGGAGTGGGA AGTCAGTGGA GCCAGACTGG
 282051 GACCACTGGG AGGGCCTTCA AGGCTAGAGT AGCCAGTGGT TTTAGGCCAA
 282101 TGACAGGCAT AAACACCGCC ACAGGGTGCT GAGAGAAGGG GATAGTGACC
 282151 CACTCACTTA GAAGTCACAG ACCCCAGGGG ACAGCGGCAG TGGGTTACCA
 282201 AGTGGCACGA CTTCCAGTAC ACCTGTCCAT GTTTGTTTGG GGATTGTGAG
 282251 AAGACTGTAT CATATGTGTG TAACAGTCTC TTGGAATTTT CAGAGTTTGT
 282301 TGGCTCAGTC AACACTGTCA GTGAAACGAC ATCATGTTAG CTAAAATATA
 282351 TCTTAAAGAT AAGCCCATG GTTTTGGCAT TTATTGTTAA TTGAATTTTC
 282401 CCAGAAATGG CAGCAGAAAG ATTGTTAATG TTCATGAATT TACATCAAGT
 282451 TAAACATCTG TTCCTCTTAA GCTAAACTCC AGCAAAGTTA CGGCAGCTCC
 282501 TAAATTAGAG CTGGGAGTAA AATCCTGCTT GTTCTTTGCG CAGCTTAGCA
 282551 GTTTCAAAT AGACCTCAGA ATGACACATC ACAACTGAGG CCCCTGTAAC
 282601 GCAGCCGCAC TGAGCTATAT AACATGGGTG CCAGACAATT AAGCCAGGTT
 282651 TTTGCTTTGG TGGTGAAGAT CGAAGCTTTG CTGGGGCAGC ACATGACATG
 282701 ACTTACCAGG CTAATGGGGA AAGTGTGGGA ACCAGTGTG CTAATGTCTG
 282751 GGGGACAGGC AGCCAAGAGG ATGGGGGCAT GTCCGTGCTC TCCCCTGGGC
 282801 CTCTCTGGGG GGTCTCAGG TGAGGTTTGG GGATCTGAGC TCTAGCCACC
 282851 CTGCCAGGTT GAAGAGGGGC TGGAGCCAG TGAAGTGCAG TCCAGAGAGT
 282901 GGCTGGTTAC TATGTGGTTT CTGCAGGGAT GGCCTGTGTC TGGTTTGGGA
 282951 AGAGAGATCC TCACCCCAT TGTGGGCATT CAGAGCAGAC CCACCATCCC
 283001 CCACCCAGGC AAGTCTTTCT TCCCAGTCC TTTGCCCTTA GTTCCACGCC
 283051 CCCTTCCCCA AAGGGATTGC TTCCAGCAGT GGCAGCTGAG CTCTTTCATG
 283101 ATGTTGAGCC ATGTCCTGCG TTCCCCTCTC CAGTACATTT TGGATATTCT
 283151 TCAAAGGGGG ACTCTGAGA GTAGAGTGAC CCCAAGAAGG GAGATTCCAG
 283201 CACCCCGGAG ACTCATGGGG CTGTGGTCTT ATAGTGGCCT GGGGATTCCC
 283251 CCCACCCACC TTGACCCAC ATTCTGCCTG TGTATAAAGC TGTCCCAAG
 283301 AACACAGATG GTCCACAGGG TCGGCTCTGT TCATTTACTG ATCAGAGCCG
 283351 GGGCAAAAAA CAGGTCTTTT CCTGAAGCTA TGCCATAGCC AAATTCATCC
 283401 ACAGGCCTCC TTACCTGGGT GGCTGTTTCA AGCACAGGGC GCTCAGCTGG
 283451 CCTCTTCACA GGGTGATCCA CGGCTCTCCT GACCAGCAAT GCCAAGACAA

283501. GAGGGCAGAA GCTTTCCTCC TCCTCTCCAG AAGCAATTCC CAGGCAGCTG
 283551 CCTTGTGCCC ACCACACTTC TATGCAACCT AGTGTCCAGA GACCACCTTG
 283601 CCACCACCCC TAGCCTGGCC ATGCTGGAGT TCACTCCATG GGAACAGCAT
 283651 TGCAGTTTTT GGGTTGTCCC CACTGGGTGA GGTATGGAGG TCTGGGCTTC
 283701 AGTGAGCATG GCCACATGTA CCACATGGTC AGCATGCCCC CCAAGGAATT
 283751 GACATGATGG GTGACACAGG CACTAGCCCC CTTCAGAGAT CCAGACCCGT
 283801 CACCATGGTG CAGGGTGGCT GGGATTGTCT CCTCTTCAGG GCAGGGCCGT
 283851 AGCCACTCTC CAAGCCCACC TGCCACCTGT CTTCACAGT CATACCGGTA
 283901 ACAGACACTG AATGAGCCCC TTCTATGTGT GGATGCTGGG CCAGGTGCTG
 283951 GGGGTACACC TGTAAGCAAG GCCCCACTGC ACTGGAGGAG CTCACAGTCT
 284001 AACAGGGAGC GTGATGTACC ACAGTGGATG AAAAAGTCAC AGAAATTGAA
 284051 GGCTGGAGAA GGTGGCAAG AGAGAACAGG GCAGCACACG AGGGTGCCCCG
 284101 TTAGGCAGGA TTGGTGTGTT AGGCGAGGGA GGCTGAAGGA GTTGGTGAAG
 284151 AAACACCTTG CAGTGAGAGA GTAGGACGGG GCAGCAAGAG AGAGCCCACT
 284201 TTCCCGCCCC ACCACCATGC AGGTGCCTCA CCCCTGGGAT CCAAGGCTTG
 284251 GGCCCTGACC ACATGGCCTG TCTCCCTCTC AGAATCTGAG CTCCCGACAG
 284301 CCTGTGTAGC ACTTTCACA TTGCCCACAT TACACAACGC CTCCCTCCCC
 284351 TTGACTCTTC GGAGTCTCCC AGCCCCACCC ATGCCTTTTA CAGGAGCTTC
 284401 ACCTGCCACA GAATGAAGAT GGTCCCTTTG AGCACAGTCT GGCAGGGGCA
 284451 CAAGTGGCTG ATGGAATATT TACAATGTCT CCCTTGCTTC CCTTTGTTTT
 284501 GCAATAGAAA GTGTTTCTTT GATGGACATT TAATTCCAGA GACTGCTACC
 284551 TGCTACCTAT CTCCCTTTGC TCAAAAATTA AATGTGGATG TGCCTGTTCT
 284601 CCTGCTATAA TCATCTTCCT CTGTGTGAAG GGAGTGCAGT GGGAATGAGA
 284651 GAACATTAGA ATCTTCAAAG AGGGACAATT ATTGAGGGAA CTAGATTAAT
 284701 GAGGTGTCTAT AACAACTTAG CCGGATCTGC GACTGACCTT TCTCATGGAG
 284751 AACGGGCTTG ATAAATGTAG TTCATTACCA AGTTCTGACA TGAAAATAGG
 284801 ATCACACTCT GGGCTCCTCG GCAAGCTGAT CAATATTTTA TCTGCCAAAG
 284851 CAGGCCTGGT CTGGGAGCAG GAGGAGCCCC ACGCATGTGC TGGCAAGGAG
 284901 CCTGAGGCCA GGGCCAGGGG CTGGCCAGGC CAGCCCTGTG GCATGGAGGG
 284951 CACCCAGGCT GGCAGGAAGG TGGCTGAGCC CTTCACAGAG CCTGCCAATG
 285001 ACGCTGTCTAG GTTCAGGCTT ACCAGGACAT GCAGCCTCTC TCCCCAAGAA
 285051 GCCCCAGATG GGGCATGTGC ACTGGCGGTC AGGAGGGAGG GAGAGGATCA
 285101 GGACATCTTC TGTCTTCTGT TTAGCCATGA GCACTGATTT AGTTGCCAAC
 285151 CTGTCCCAGG CCCCACAGTA AAGGGGACAA AGACAAATGA GCCATACCCC
 285201 TCCCTTGGGG CTTTGAGCCC ATCTCACCAA GAGAAGACCC CAGGCCTCGC
 285251 CAACCACTTG CTAAGTCCTC ACATTTCCCT GTATGCTATG ACCCTGGAAG
 285301 GCAGTAAGAA GCTATTATTA TCCCCATGTG AAGATAGGGA ATAGGAGTAG
 285351 GAAGGGCAGG GGAGTGAATG CCTTTCCTAA GGTCTCACAG CTGAAGTCAG
 285401 GTGGTCTCCT GATCCTCCAC CCAGTGTCTT GTCTGACCTT GTGGTGACTG
 285451 TCATTAGCAG TGTTAATATC AGGTAGACAC GGCAGCCTAA GATGAAGTCT
 285501 GTGTCCCCCT GAAGACCTTA GACAAGGTG TTATAGGGTG AGCCCATCAC
 285551 CCTGGCTCCA GCTTCATGAA AATGCCCTGG AGCCACAGGA CTCTGGTCCT
 285601 CTCATTCAAC AAGCATTTCA TACTGTAATG CTGCATGGGG AGCTGTCCAC
 285651 TTCAACTCCT GCCTGCTCAG AACATGTAAT CCCATTAAGG GGACATAGCA
 285701 GATGCTGAAA GCCGCCATC CAGCTTCCCT CAGTCAACCC CAGAGGTGAT
 285751 GTGCAGCTTG GATGGACGAT TCCCCATAAC ACTTGCCAAG AGCATCCAAT
 285801 CCCAGGCACC TGCAGCTTCA GCCTGAGGAC ATTTTCCGGT CTCAGGCGTG
 285851 GACTCAGTCC TCATTTGGGA GGTCCAGAAC TGCTAGCTGG AGGTGGTGAA
 285901 TTCCTCCAAG AGCAACCTCA GCTAATAGGG ATGGAAGTCA GTAGAAAAAT
 285951 ATCCTGGCTC CCTCCCACCT CAGTGAAGCA ATTCTGCGGT GTGTTCTACA
 286001 CAGTCCCTCT GAGGACCCCA TGGGATTGAA CCCCATTGC CCACGGCGGC
 286051 AACCCACTCA TGAGTGAACC CTTTGTGGC TTTTCTCCCT TCCCAGTCTA
 286101 CTTCTGTGTC CTTCCAGCAC TTCTTGGGAT CATCTTCAA TATGCTGCTT
 286151 GCCCCTAGAT CCTCATCTCA GGGACTGCTT TGGGGGAGCC CAACTAAGG
 286201 CTGGGGCAAG CCTCACTCAG AAAGGATTTT ATAGCAGGCA GAAAGGAAAG
 286251 CTGAGGGAGA AGGCAGTCCC CGTGTGGGTG TGTGTGGGTG TGTGGGTGTG
 286301 GGTGGGTGTG GGGGTGTGTG TGTGTGTGGG TGTGTGTGTG TAAGTGACA
 286351 AGCTTCCCTAC AGACGAGGTG GATTGGCCCT GAAGACAGGA AGGGGTGGG
 286401 GCAGCATGAG AAAGCGCAGC TGTGTTTACA GCATAGGGAA TTTCCAGCTA
 286451 TGGAGGGGGC TTCCCTGAAA TTCTCCAAAC CTCACTGTAA GGCTTGAATT
 286501 AGCCAAGGTT ACCACAAAGG CAAAGACAAA ATCCCTTAT TTGGAACAAC
 286551 ACAAAGTTCT CTTTACCTGG AAACCAGCAA GACTCAGAGA AAACACTGAA
 286601 ATGACTTTCC AAACATGTGG GCAGAACTT GTGCAGTCCA AATCACGGCG

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286651 GTCCTGCCCA CTCATGAAGC AGGTCCCCTG CGGGTCCCAA CCTGGCAGCC
 286701 CCTGCTGAGC CTCATTCAAG GCATGGACGT CAAGGTTATA TGCAAGCATC
 286751 CCACCTTTTC TCTGGAAGAG TCACGCCTCC GGATTAATCA ATGCTGAAGT
 286801 TCAACTGTAT TCTGAGTCTC CCCATCCCAG GCTGAGTTAG AGAGGCCCTG
 286851 GCAATGGGAT CCGGGCCCCA GCTCAGGGCT CCTTATGGCA TTCTCTCGAA
 286901 CCATTCTCTC GAACTCCTGA CCTCAGGTAA TCCACCTGCC TCGGCCTCCC
 286951 AAAGTGCTAG GATTATAGGC GTGAGCCACC GCGCCCGGCC TGCCACTATC
 287001 ATTCTCAACA TCATCTTGAC CATCACCCAC AGGGGCACCA GGGAGGAGTG
 287051 GGGTGGTCCC CAAGCCTCTG CCACACACCC CAGGGACCTT CCCTCCGAAG
 287101 GAGTAAAGTA TCTGTGGAC CAAGGCTAAG GCTAAGACTG GACCTTGCCC
 287151 CTGTCGGAG AGATCTGATT CCTCCCTAC CTGGGAGCCA GGCCCAACAC
 287201 ACACAGTGTC AGGGCACGGA GAGTGATGAA GGTAAGGGGT GCCAGCTTAC
 287251 ATCAGGTGAT GTTTAAGCAG AGGCCAAGAT GAATACACCA GGTGGAGATT
 287301 TGGGTGAATA GCACTCCAGC CAGGGGGATA GTCAATGCCA GGCCCTGGG
 287351 CAGGAGCATG CCCAGTGATC AGTGCTGCTG AAGTCCCCTT GGTCCCCCCA
 287401 TACCCCCCAC CTCTCTTGTA GTCACCTGTG TGGAATTGCT GGGCAGGTGG
 287451 GCAGGGCTGA CTGGGGTGAA GATAAGAAAG ACATGAACCT TGGGTGTTGA
 287501 CACTTTCTTG CCCAAAATGA TTGGAATTTT TTTTTTTTTT TTTTTTTTTT
 287551 TGAGACGGAG TCTCGCTCTG TCACCCAGGC TGGAGTGCAG TGGCGTGATC
 287601 TCGGCTCACT GCAAGCTGTG CCTCCCGGGT TCATACCATT CTCCTGCCTC
 287651 AGCCTCCCGA GTAGCTGGGA CCACAGGCGC CCACCACCAT GCCTGGCTGA
 287701 TTTTTGTAT TTTTGGTAGA GAAGGGGTTT CACCGTGTTA GCCAGGATGG
 287751 TCTCAATCTC CTGACCTCGT GATCCGCCCG CCTCGGCCTC CCAAAGTGCT
 287801 GGGATTACAG GCGTGAGCCA CCACGCCCGG CCAATGATTG GAATTTGAGA
 287851 AGAATAGGAG GAAGATCAGA AAACAGGTCT CGGAGCCCGC ACAGCAGACG
 287901 AGGGCTGGAC TACGTGAAAG AGCTCATTTT AATAATGGGC TCAGTGTAC
 287951 TCATGGAGAG GGCCCAGCTT CACATCTGGC CAGCAGTGTG TTGACAGCAG
 288001 CTGCATCTGG GAGGTGGATT TCGGGATGAT TTATTTTCTT TTTCTTTATA
 288051 TTTATTTGCA CTTTCCAAGT GGTCTCTGA TGGGCATGTA TTTCTTCTAG
 288101 AATTAGACAA ATGTTTTGAAG CTGGAAGAGG GGAGGGAGCC TTTAGCTGAA
 288151 GACATGTCCG GTGGTGTCCA AAATGCCAG TGCTTCACAC AGCTAAGTCA
 288201 CTCCTATCTG ACCCCACAGT GAAACCAGCA GGGGGCAGGA ATGTAAAAAT
 288251 AAAACTGGAA TTTGGTAACC TATGACTTTG ACACACCTTG CTAGGAAAAAT
 288301 ATCTATCCTG GAAGCCAAGG CCAGCTGTGA GGGAGGAAAT CTATCCAGGG
 288351 AGACTGAGCT GGAGGCTGCA GCTTTGGGGC ATCTGCCTCT GGGGGCTGGA
 288401 AGAAGGCAAG GAAGGAAGTT TTCCCTCCCC CACTCCACCT CAAGCCCTGT
 288451 GGAATTCCGA TGACAAAGG AGGGAGTGAA GGCAGGGAGC CACCAAGAGG
 288501 GCAGCCCTTG GACTGGAAGG CTCAAAAGCC TTCCCAAAAA GCGAGTTTGG
 288551 ACTTTGGGAT CTCGAGTGAT CATCTGCACA GAAGCAGAGC TCTGAGCATC
 288601 AGGCTGCCTT TCCTCCAGGG TCCACGGCCC TTCCCAGTG CTGTGGGGCA
 288651 CCAGAGGAGC TCAGTAATTT CGGACAAATG ACTTCATGAT TTAAGTTTGG
 288701 GCAAAGTTCT CTCTTGCAAC TCATTAAAGC ACAGTTGCTC CTGGGGTAAA
 288751 GAAGGATTTA AGATTCTGTT CCTGGAATCC CTTGGTTTCT CTCAGGACCC
 288801 CAGTGCCAAG CTTGGCCCGG GCATGGAGTG CCCTCAGTAA AGGGAAGAAA
 288851 TGACGAAGGA AGTTTTGAAC AGCATGATGT ACGGTGCCAC ACACTTCCCC
 288901 AAGGCCTTGG AGGCTCTGCC TGGGTTGTCC CACTGCCCTC TCCTGCCTGT
 288951 CTTGTTTCAC TCTCCACCTG ACTCAGCCCC TCTAGCCCAG CCACACCAGC
 289001 TTTACCAGCT CTCCAGACGT GCCCCACCAT GGCTCCTGCA CGCGCAGTCC
 289051 TGCTCCTGGC CTGCTCTTCC CTCTGCTTCC TCCCACAACT CCTCCTCTA
 289101 CAGTCTCAT CCTGAACATC CCTCCCTTGG CCTCCCACCA CAGGCACCCA
 289151 CAGTGCCAG GACTGGAGGC TGCCCAGCAT CGGGCACACA GTATGTAAAT
 289201 AAACACTGGT AAAAGGATGG GAGTGGCCTG GACAGTGTGG GCCCTAGCAG
 289251 GGGGTGGGAC CGTGGGCTCA GGGAGCTGAT GCTGGAGACC TGGAGGGCCC
 289301 ACCCCTTTCC CCCAGAAGAT TGACTTCTAG ACCTGCACAT ACCTTCCTGA
 289351 CCAGAAGGTG TCTGTTGGGC AGTTGCCAGG GTGAAGCAGC CAGAAGTCTG
 289401 CTCTCACAGG CAGCTGTGAG GATGTGAGGT GGGGCCGAGC CTGGGGAGGA
 289451 TGCTGCAGCA CCCCACTTCC ATCCCAGCAA GACCCACCTG GATGGTTTCC
 289501 CCCACCTGCC AGTGTGGAG GTGTTGTCCA GCTGCAGACC CCTGCTCACA
 289551 GGGGGACGCC AGTCCGTGTA GCTCTACAGA CTTGAGAAAT GGGTTTGCCA
 289601 GCTGGTGACC CCAAGAACTC CCAGGGCGCT CTCCATGCTT AGGCCAGCCT
 289651 GGCCACTGGG GTCCTGAGAC GAAATAAGAG GCTCCCAGAA AGGAATCTTG
 289701 CCCAGGGCAG CAGGCAGCTC AGAAGTGGTT TACGCCCCAC CAAGGTCCAG
 289751 GAGGAAGGTT GGGGGGATCT GCAAGGATGG GGCATCCTGC CCTTTTGACC

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289801 CAGCCTGTCC TCACCTTCAG GTGGCCCTGC TGCAGCATGT TCTTCGGAGC
 289851 CTGATTGTCC ACCCGTGTTC CTGAGTACAG CCTCTTCCTG ACACCATATC
 289901 CACCTGTCTG GTACATCAAT TTTTCAGTAT CTGGGTATAA ATGCCCCCA
 289951 CTCAGGAAG TCCTGGGGGC TGCAGAAATG CTGGCTCCTG CAGACCCTCC
 290001 ACACAGGCAC ACATCCATCT CCATTTACCC CAGCAGCTGG CCCCACCTCC
 290051 ACTTTCATTG TGTACCCCCA CTTCTGGTCT ATTTGCCAGG AAAAAATTTT
 290101 AGCCTCTTTC AGGGAGTGAG GAGCTAGACT CAGGCAAAAC TATTCCTCCT
 290151 CTTCCCCAAA ACTTATCCTT ATCCAGGCCC AGAAAAAGGA AAAACCCATC
 290201 AAGTTTGTGA GGGGCACAAA GCCACTATTT TCAATGCCCT GTAGCTCTAC
 290251 AGACTTGAGA ATTGGGTTTG CCAACTGGAG GCCCCAAGAA CCCCAGGAA
 290301 TCAATATCCT ACCAGGCAAA AGAGGGATGC AAGCAAGGTG AGGGTGTGGG
 290351 AGAGAGGCAG TCTTGTGAGA GCATGAAGAC TCCCAGAGAG CAAATAGATC
 290401 TGATTATATT GAACACAACA ATTGATTTTT TTCTAAATAA ACATGCAGGA
 290451 GGAAATGGCA ATGGGCATCT GTTCTGACA GAAATCAATT GACCCCAAAT
 290501 TGGAGAAAAA TCTGGAAATA CAAACAAGCA CAAGAAAAAG TGGTTGGGCT
 290551 GTCCAGGCTT ATCAAGGGAG GGTATGAGGG AGGAAAAGAG GAAGGGAGGA
 290601 AGAGAGAAAC AGACAGACAG ACTTCCCCAT CATCCCTTTC CCCCAGTAG
 290651 CTTCCCTGAT GATTGCTCTT CAGTAAATGT GGTTCACATA ATGTCAAGGG
 290701 AGAGAGTAGC TATCATGTTA TGAGCCCTTA CTGGGTGCCA TGCTGGTGCA
 290751 AAGGCCTGTA TGTGCACATC TTAATAATC CTCGTAACAA CCCCTTGTGG
 290801 GAGGCACTGG TATCTCTGCT TCACAGATGA GATCACTGAG GCACCCTGCC
 290851 CAAGGCTACA TGCCTGATGG CAGCAGAGCT AGAGCTCAAA CCCAGGGGAC
 290901 CTCAGAGCTC ATGCTCTCTA ACATTCTTT CTATTGACTC TCCAACCTG
 290951 GGATATTATC TCAGGCCCTA AACTGGCCTT GGAATTAAGG AGAAGAGCCC
 291001 CAGGCTCCAG CAACCCATTG GCCTTCAACC TGGAAATGGT AGTGAGGAGC
 291051 CCATGCGTAT TCTCCAGGAT TCAGCAAAGC CAGGCGCTGG AAGTACTCAT
 291101 CCCCAGGGA GTCGGGAAGT GGGGCTGGAG GGGCTGCCCT CTCCGCTGAC
 291151 ACTCCTGCAA TCCAGTGTA TGGGCGTTGC CCTGCGTGAT GTCCATCCTA
 291201 GAAGCCCCTC ACCAGCAAGA TAAACTGTGC CATGCTGCAA TGCATCCAG
 291251 GCTTTACTTC CCAAAACACT GCATGGTTCT GATGCTGTTC AGCAAGCGCG
 291301 CCTGGGATAA AACGAGCTGT GTGCTTCGGT TTTAACGTTG TAAAGCTTCT
 291351 TTTTGTTCCT TGGTCATAGA CTTGTGTATA TGTTTGTTCCT GAAGTAATCC
 291401 AGCTCTGGGA GGGTGCCTAA TTAACATAAG CAGGGCTTAT TAGTCCTGTT
 291451 AACTAAACT CCCTAATCTA GGAGGCCAAG TATTCAAAG CAGCCTTTAA
 291501 GGTAGGATTA AGGCAAAAAC CAGTGATTAC AAAATGGAAT TGGGGGTAGC
 291551 TTTCTAAAG CCTCTGTGGG GCTGCCGCTA TATATTCCGC TGGAAGAATT
 291601 TCCCATTCCA TCTGGCAGTC ACTCTAGTCT GGCTTGTAGT GGTGCTCAAC
 291651 AAATATTGTG CAGATGGACA GATTCCCTCC AGCATTTGCA TCATGGGCAT
 291701 GCATTCCATG TTCCATCAAT ATTTATGGGA TGGATTGGTG AGCAGAACAC
 291751 AAACAAGTCC CATCGACGAC AGTTGCACCG TGCCTGCAC ATAGTGAACG
 291801 CCTGGTGGCT ATTTGTGAGT GAGATGAATG GACCAGCGGC AAGAATGTTC
 291851 TCTCAAGACC ACGGGATAAG TCTCAAAATA ATAACCTCAC CTTCTCTTTC
 291901 AGGTGACACG TGCACCATGG CCGGCTACGC CCGCTTGAAG AATGTCCCTC
 291951 TGGCACTCCA GACCCGTCTG CAGCCACTCC AAGAAGGAGA CAGCAGACAA
 292001 GACCCGTGCT CCGAGAAGCG CCTCCTGGTG GAATCTCTGT TCAGGGACTT
 292051 AGATGCAGAT GGCAATGGCC ACCTCAGCAG CTCCGAACCT GCTCAGGTGG
 292101 GCATCGTGTT CAGTGAAAGT CACATGATGG AGGAATCCAG TTTTCCATT
 292151 CCCACCCCGG CCCCCTGGTG TCTAAGAGCA TGTGTTCAAT ACCTCTGAGA
 292201 ACATCTCACA AACAAAATGA GGTCAGGTTT TTCCCACCAG CCACCTTTAG
 292251 CCTCTATTTA CAAACAAGCT TTCAGGCCCT CTCAGCTATC TGGCAAAAAA
 292301 CTCACCTCAG AGGGCCTGGT CTCTGATGTT TTGACTAGGA AATCAATCTT
 292351 TTCTTCCTTG AGTAGGATTA GTTACTCAGC AGAAAAGTTA CAAGGAAGCA
 292401 GTGCTTGTTT TCCATTGAAC ACCATTGGAG CTATAACCTG GAAGTCCCCA
 292451 AGTCTTCTAC CTTAGGACAT CACTGCTCCT TAGTATCCAA AGATCAAGAA
 292501 CCCAAACCTC GGACTGCTTG TTTGCAGAAA GCCCTGTGTC TACCCGTCAA
 292551 CCCCACCAA GCCCTGCTCT CATTGTTGGG AACACTTGCA TTACACCTG
 292601 AGGTTTGCTT CCTCCCTG AGACTGCAGT GTTCAACACA GCACACATG
 292651 CCTTTGTTCG GCTACAAGGT GGAGCAGGGG TAGTTAGTGT CTGCAACATA
 292701 GAAAGCAAGG AAAGAGTGAC CTCCTCACT GGGGCCACAG CCACTGCCAG
 292751 TTGCAGGGAG GAGCCTGTAG GGTCTGATG GTAGAAAAGC TGGGGTGGGC
 292801 TGGAGGGGCC TGCATTCTTA CTTCTGCTTA CTGGTTTGT TCTAAGGGTC
 292851 TGAGCCCTA GAGCTGCACC AGGCAGGTAC AAGATCTGCA AGGAGAGTGA
 292901 GATCAGCCTC CCTGAGTTGG GTGGTGGGGG GCGGTGGGCA GCCTTTTCT

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292951 TGTGACCACA GACTGTCCAC CCAGTGGATG GATAATAAAG ACAGGTCCCC
 293001 ACCTTTGATG CCAATTTAAA GATATCTTAA ACATGGCACA GGGACCTTCT
 293051 CAAGGCTGTG GCCCGGTCAT TGGGAAGAAG TGGGGTGGGG AGTGCCCTAA
 293101 CATTCAATTGA GCCATGTGCT TGACATTGAG CTAGGCCCTT GACCTATGAT
 293151 TAATAAACAC AGAAGAGTTC GTTGTATGT AGGATAGTGG CAAAGAATGC
 293201 AGACTTTAGA GTCAAACTGC CTAAGGTCAA GTGCTGCGTC CAGCATGTAT
 293251 GAGCTAGTGG ACCTTGGGAG ACAATGTCGT TTCGCTGTGC CTCTGTGTTT
 293301 AGCTGTGAAC CTCACAGGGT CATCATGAGG GTTAAATGAG CTAAGATAGT
 293351 GAATGGCTTA GAGTGGTACC TGGCATGTGG TATGTTTCTT TTTTAGACAT
 293401 GGTCTCGCTC TGTCACCCAG ACTGGAGTGC AGTAGCGCAA TCTTGGCTCG
 293451 TTGCAGCCTC TGCTCCACG GCTGAAGCCA TTCTTCTGCC TCAGCCTCCC
 293501 AAGTAGCTGG AATTGCAGGC TTACACCACC ACACCAGCT AATTTTGGCA
 293551 TTTTGTAGTAG AGATATGGTT TCACCATTTT GCCAGGCTGG TCTCAAACCTC
 293601 CTGACCTCAG GTGATCCGCC CACCTTGGCC TCTCAAAGTG CTGGGATTAC
 293651 AGGTGTGAGC CACTGTGCCT GGCCACATGG TGTGTTTCAA TAGAGAGGTC
 293701 ATCAGTATTG TTGCCATCAT CATCATTTTT ATTATTATTA TTTCTCCTT
 293751 AAATCTTTCG ACCATCCTCT GCTGTAAGGA GGGGACGACT ATTATTCCAC
 293801 TTCACAGAAT ATTTTCAGAT GAGGATACTG AGGCTCTAAG AAATCAGACA
 293851 ACTTGCCTGA GTTGTTCAC TCTGGGACA TGATGGAAGT GAGATGAAAC
 293901 CCTGGCAGGC TGACTTGCAT GCACCTGCTC TCCTCAGGGC ACTTGGAATC
 293951 TCCCTGGAGA GAATGGCTCC CACCAAGAGG CACCACATGG TTCCTTCAAG
 294001 GTCTGTAGGG ACAACAAGTA CCTCCAGAAC CCTAGTAAGG AGTAGCCACC
 294051 AGAAGCTTTG GAACATAGGC CCTCCGTCCC AGCCAGTCCT GAGCCTGCTT
 294101 TCAGGAAGCA CGTTGGGAAT CTCAGATGAC TCTGCTCTGT TCACTCATAC
 294151 CTGAGTGGCT CGCGCAAGCC CATTCAAGGC CTGCATCCCA GGAGGCTTGC
 294201 TGCCCATGGC CCCCAGGGCA ACCGCCCTGC CAGCATGTCA CCACCTCCAT
 294251 CAGCACTAGG CCCCAGCTCT GGCTAAGACC CTGAGGGGCA GGGCCAGGGA
 294301 CCTGCAGGTG ACTCAGGCTG CTCTGGGAAA ATCCCAGGTC CTGATAGTTA
 294351 CAGCTACTTG CAGGAAGAAC CACCTGGCAA TTCCTCAAAC TACCGAGCAG
 294401 GGAGCACCAG GGGCAGGTGG CATCAGCTTG TCTTGAACAG AAGCTGCTAT
 294451 GAGCTCTTGG TATCCAGGCC CACATGGCTC CAGGTAAACA GAGCCTTACC
 294501 AGGCACCTTA TTCTAACCTG GCAGATATGT GGCCTGAGGC ACCTGAAGCC
 294551 ATTAACAAGC GTGGTAATTG GACAATGATT TCCTCTTTAA AATTTAATAT
 294601 AGTTAAAGTC CATTTCATAA ATCTGCCAAG CAGAGCCCGG CTAAAGTGGG
 294651 CCTTTCCTTG ACACCTGAATC AAAGGTGCTG GGGAAGAAGT TGTCAGTCCT
 294701 ATAAAAAGTT AATCAATTTT CAATGCAGAA ATAGACAAAG GGAAATTTCC
 294751 ATCTTTGGAA GATTGATCTC AGGCATTATG GTTGATCTCC CTTTTATCGA
 294801 ACACCTCTTAC TTGCTTGGTG AAGGGTCATT TTTTAAACAT TATCACATTA
 294851 AATTGCCTTT AATACAGCAG ACCAAGCTGA GAATGTTAAA TAAAGAGAAA
 294901 ATGCCTCTGC CCCCCCTCCC CCCACACCAA AATAAAATAA AATCATTTTC
 294951 TTTCTTCTGA GATTTCTTTC TGAGCATTTT CCCCTGCAAG ACCTTCAGTT
 295001 CCGAGCACAC TGGCTTCTGG CTGTAGCTCC AGCTGAGTGA GGGTGCCTAG
 295051 AATTTCTACC CTTAGTTACC TTGGGACGTG TGGCTGATCA TGCTGGGCAG
 295101 CCTCTGTGTC CTATGGCTCA GACCACAACC AGAGAGGAGT TTACGAGAGC
 295151 CTATGCTGTG AGCTCCCGTG CCAGAGTCAC AAGGGTGGAC ATCTGTGTCC
 295201 TGGGCAGGAC AAGGCAGGCA GGGGGGAAGC TCAGGTCTAG GTGGATAGAA
 295251 CGGAGGGGTC TGGGAGTGTG CTGTGTCCAG GCAGCACTGC CTGCCATGGG
 295301 TAAGGGCTGA TGGGTGGGTG CATGATGCAG CAGTGACCTC CAGCTCTATG
 295351 CAGCTGGAAG CTGGCAGACC TCTGTCCCCA CACTGAGTTC AGCCACTGTT
 295401 TGCTGGGTTT ATCCGATGGG GTCTTTTCTC TCCTGTCTCC CCATCTATAG
 295451 CACACAGAGT TAGAGCAGGT GGCCTCAAGG ATTCCCATCT TAGACTGTCT
 295501 GGGTCTGTCT GCCTAGACAA GGAAAAGACA CACCTGAGCT CTAGTCTAGA
 295551 GTCTGCCCCA AGCACTGTGT GAACCTGGGG AAGCCACTTC CCCTCTCTGA
 295601 ACCCCAGTTT TCTCATCCAT AAAATGAAGG AGTCAGACAA GACAAAATCA
 295651 AAGAGCTTCA GGTACCCCTC AAGGCCCACT GAGCTGTCCC TGGATTCCCT
 295701 CTTGGCCTGA GTCATTTTCA TCAATGCCTA TGACTCTAAA CTCATCTGAT
 295751 TCTGGCCTTG TTCTCTCTCT CACCCACAG CATGTGCTGA AGAAGCAGGA
 295801 CCTGGATGAA GACTTACTTG GTTGCTCACC AGGTGACCTC CTCCGATTG
 295851 ACGATTACAA CAGTGACAGC TCCCTGACCC TCCGCGAGTT CTACATGGCC
 295901 TTCCGTAAGT TGGGTCCCAG TGGGAAAAGG GCTTATTTCT GCAGGTGCTT
 295951 CTGCACCAAA ATGCTGTTGG GTGCCTGGAG TCTGTCCTCA GTTGCTCTCC
 296001 AGGTTGGTTT CTTATACAGA GGAAAGCTGG TGAATTTGTT CTGCAACAAG
 296051 CCTGAGCTTT AAGAAAAGAC TAAACGGAGA GTGGATGGGG CCAGAGAGGG

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296101 CTTGCCCTGT TCCTTTTAA TAAAGATTTT TCTCGCTCTT TGAGGGGCCC
 296151 AGGACTGTAA TTGAAGCATA GCTGTGAGGG CACTGTGAAC ACCCTTTGGG
 296201 GGTTCATGA CTGAAGGAGA AGGAAGCAGA TTTTAGGGCT ATCCTCAGGC
 296251 TAGGGCCTGG CCATGTGGGG AGCCCTACCT GGAGAAAAAC ACCCTGCAGG
 296301 AGGGCCTGGA GGCTTGGCCA TGCAGCGGCA GGGAGCAGTG ACTACCCAAG
 296351 GACAATGGAG AGTGAGGGTC CAATGTGAAG AGAGGCAGGG GATCCCTGGA
 296401 GAAGAAGGGA AAGTGGGTGC TGTGTGAAAA CAGAGGAGGT ACTCTGAGTG
 296451 CCCCTCCAAA GAGTGCCTCA TGCATATGCA AGTGGATGGG ATGCCTTCAG
 296501 GACCTGTATC TTTTACTTGA GGTGATCTTC CAAGAGATTA CATTAACCAG
 296551 AGGTGGTGCT GGGACAGGAC TTACAAGAAA TGCAAGATAC AAGAGCCATT
 296601 TGTGTCTCCA GGCAGGGGTC AGCAGAGAGG AGAGGAAAGG GCAGTGCTGG
 296651 GCCCACGCTG GAGACTAGAG GGGACATCCT TGGCCCAAÁA GAGATGAAGC
 296701 CCCTTACATT AGAAGATGTT CAAGCTCTGC TTAAAGTGGG CAATGCATAT
 296751 ACCCTTGGGT GTGACCTGCC AGCTCACAGT TCCTAAGTGC AAGCCCTGGC
 296801 ATTCAAGAGG TGGGTGCAAG CCCACCCAC CCCAGGGGGC ACTGAGTACC
 296851 CTGAGCCACA GAGCCTGGTA TCCTCCCTCA ACCCCAGCCT TTACCTGGAC
 296901 TCCCGTTTTT CACGAAAAGTA TTCCTGCTTC AGAGTGACAT CTCTTTGGGC
 296951 TGTGTCTATT CCACACCTTC ACAAGGCCTG AAGAGGGATC CTGTGATTTT
 297001 GTTGGCAAGA AGGGCTCTTG TGGCAAATAG AGAGGTACTT GGATGACATA
 297051 AGAGGAGAGA AGCAAGCATG ATTCTTCCCT ATGGGCAGTG TCCATGAGCT
 297101 TGACGTGGTT GCAGGGGCTT TTCCAGTTCA TATCATCCTT AGTACCAAAG
 297151 TCCACCCAG GTTCCAGAGC TTTGCTTGAT TTAAGTGTGAC TGTGCAGGGT
 297201 CCCCGTCATC CTCTTCCCG CCCACTAGTC AAACCTATAC CTGCCTATGT
 297251 TGGTTCATAA TAAGGTGAGA GTGACTGGTA GGCTTATCCT GCTGCGGAGG
 297301 TGTGTGCTTT GTGGGCCAAA GAGATTATTT CCAGAAATGC ATTTGGAATG
 297351 TGTGGAAGTA TCCACAACCT CCCACACCTG GTTCATGAGA GCTCATTGTT
 297401 AAATTTTCAG GAATTTTACA AGCAAACAGT TAGACACTTG GTCGCTTTAA
 297451 ATTGCCACAG TTGAGAATAT TTACATCATA GAAATTCACA CCACACATAT
 297501 GCTACCAAAA AGGGGAAGGG GGGACATTTT TTCTTCTCTA GGGAGCCAGT
 297551 TGTATATAC TGACCTGCAT GTCCTGGAC AAGACCCTCT CTCCTGCCCT
 297601 CGGAGTCCAC TTCTGGCAAT ATCTTCCCA CCCAGCTCCC CTCATGAGA
 297651 CTCTTGATG ATTCCATGGA ACATGAACAA CAGTAGGCTC GAGCAGCTAG
 297701 GGCAGGTTAC AGGAACAGCA GCTCTCTGAG TCAGGAAAGC AGCAACATGT
 297751 TCTCTGGGGA TAGTTCCAAG ACATTCCCA AAACACTCTC TGAGCCTAGA
 297801 CCCTCTGCC AAAGGAGTTA TGAAGGAAAA GCTCAGTGCA TTTTATAGAGC
 297851 CAGAGGCCAA GACTGGACTT CAGGGATTG TGGGGCATAC CAGGCATCAT
 297901 TACTTAATGT CCCAGATGCC GTCATCAAGC AGATTATAGC ACTGCTTGGG
 297951 CACCATCTTG GTGCTGGTA CCATAGCAGC CTCTGCTTTA TGAGCACAGT
 298001 TCCCATGAGT GGGTCTGGGG CCAAACAGCA TGCTCTTGGC TTTGCTCTCA
 298051 AGGAAATGGA AGCATCCCTA TTGCCTATGA TGAAAGAGAA GGCCTCTCCA
 298101 GCTTCCCTAG TAAGGTCATT GTAAACATGA GCTACCCTGG AAAGGGAAGG
 298151 ACGTCATTAC CTGACCTCCA GCCACATGTC TCATACAGAG CAATGTGGTG
 298201 TCAGCTCCCT TCGTTCCTGG ATTATTATTT GGAAAGCTTT ATAATCATCA
 298251 TTTTAAAGC AAATTAGATT CTGCTGTGCG CTTGGAATTG TTTTGAACCA
 298301 GACAGCCAAA CCATTCATCA CAGCCCAGCC CAAATAATAG ATATGCAATA
 298351 AAACGTAAAC TCACAGCCAT TAAGGAAGCC GCAAAATGAG TTAACCCCA
 298401 CTATAAAGGC TTGACATGCA GCCACTTGGA GCATACGGGG ATCAATGGTT
 298451 TTTCAAAGTC ACAGGAACCT TAAACTAAAT TCCCATAGCT CTGGTAATAG
 298501 ATTTATGGTT CAGCGAATTT TAAATAGGTA ATTGAAATGA GACATATAGG
 298551 TACAAGTTAT TACCCAGCAA TCGATGGGCA TTAAAGAAAT CTCACTAAAA
 298601 CCCAGAAAGT AATATCTCAA ACATTTACG AACAACATTC TGGATTTAAT
 298651 TTTAAAACT AGAGCTGATG GGCTGGCAGA GGTGAGGCA TTAGCATTTT
 298701 ATTTTCTAGT CTCTATTTTG CTGGCGTCCT TGGGTATAAG GCAGGGTGAG
 298751 GTCTGTGGGG TGACTCCAGC TCAGTAGCCT ACCGATGCGG AGTCAATCGC
 298801 TTTACTAAAG GATGATGGGT TTGGGGCTGT TGTACCCAGA GAAGGAAGTT
 298851 GTATTTATCA GTTTTTGAGG TTTGTGGGGG TGGTCTCCTG AATCATGTCT
 298901 TCCCATGCGAG CTGGCCTGGC CCTGGCTGGG CCATGCTTGC CACAGTCTGC
 298951 AGCTGGTGGA GGGTGATGCT AGGAGTCCCA CAGCTGGTGA ATGTCTGTGC
 299001 TGAGCTGGTT CGTGATGGGG CTGTACCCCC TTCCTGGCTC TGAGGAACAG
 299051 GTGACTCTCC TCCAGGGTGG CAGGCAGTGC CTAGTCATGG GAGTCAGTTA
 299101 AGTCTCTTTT TGATTGTCAG ATGGAGCCAA GGCTCCCAAT TGCCTCTCTC
 299151 TGTACAGGGA CAGGAATGAA ATATGAGGGT GCCCCACTT CCTCCTTTTG
 299201 TCAACTAAAC GTTCTCTTTG CATTGTTTTG GCTTCCCAAA CCACAGGCTG

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299251 ATCTAGGAAC TAAAGGCTCA GTGTCCTTCT CCAGCAGTGC CCTCTGCCTC
 299301 TCCTTCCCCA CGCCACCCCC CACCACCCCA ACAAGGAGTA GTGCCACCTG
 299351 TCCCTGCCAT GGCAGAGACC CAGGCTCCAG GGTCAACATA AGCAAGGTGT
 299401 GTGCTGGCCC TGTCTGTTC TACAGTAAA TTAACCTCAA AGTTGCTCAT
 299451 CTA AAAAGCT TCTTGATGAT GCATGGTTTT TGCCTGTTC TGAGTGCTCA
 299501 GGTGGGATC AGGGGAAAAC ACGTTGCTAA AACAAAGGATT TTTCTCACTT
 299551 CAAATTCATT GCAAGTTTCT TCTGCTTTTT AGAAAATAGT TGTCTTTTAA
 299601 ATTACTCCTA TGAGATCAAA GCCCAGCAAT GTGTGGATG CATGGGAAGG
 299651 TTTTGAGCAG CTAGCAGATA AAGGGCTTCA CGTGTGAAGG TCCGGTGACC
 299701 ACACAGGCAG GGTGTCAGGA GGACCTGGGG TGCTGAATGT AGGGGAGCCA
 299751 GACACCTTTC CTACCTCTG ACATGTGTAA GCTCCAGGCA AGCAGAAAGG
 299801 AAAAAGGT TTTTATCTAC AGCACTACCA CTACAGCCAG GGCAACTCTA
 299851 TGAAACAGAT GATATGGTCA CCTGGTGAAT TTACATCTGT TTTTTCACCA
 299901 TCTCTGTTGC AAAGTGAAGG GATGGTGCAG TTTCGTTTAC CACACCACTA
 299951 TCCTTTGGAA CTAATAGTGC CTGGCCCCAT ACCAGACTTC CACACATGCT
 300001 ATCTCAGCCA ATCCTCACAC CCACCTTGTG TTGAGCAGGA TGGTAAAATA
 300051 AGCAACCGCA AGCATCCTCA CTACCCAGAT CTATCTGGCT CTTTATCTAG
 300101 GTAGGGTGAG TTCAGACAAG GAGCTTAGAT GGCAAGGATA CTGCTTTGTT
 300151 CTACTCCATT TCATTCTCTGA GTTTTGGATA GTAAGTAACA AGATTTTAAA
 300201 TAGCATGGGG TTCATCAAAA ATTTTATCTG AATTTACTTG GCTCTTGAAT
 300251 TTGGAGAGCA AGCAATGCCT ATGGGCTGGT TTCAGTTTTG GCTGAAGCCA
 300301 AGACCATGGG TGCCAGTGAC TCCCCCTACC CCAAAGGAAG ACACTGGTTT
 300351 TCCCACACAG GATTTGCAAA TAAAGTGGCC GAAGAAGTGA TTCCTGCCCC
 300401 TTGGTCCCTC ATTTTCTCAA GGGCACAAAA CAGTTAAAGC TGGAGTGGCC
 300451 AAGGGAGGAA TTGAAAATTG GCAGACAAGG CCGGGCACGG TGGCTCACGC
 300501 CTGTAATCCC AGCACTTTGG GAGGCCGAGG CAGGCAGATC ATGAGGTCAG
 300551 GAGATCCAGA CCATCCTGGC TAACATGGTG AAACCCCGTC TCTACTAAAA
 300601 ATACAAAAAC TTAGCCGGGG TTGGTGGTGG GCGCCTGTAG TCTCAGCTAC
 300651 TTGGGAGGCT GAGGCAGGAG AATGGCGTGA ACCCAGGAGG CAGAGTTTGC
 300701 AGTGAGTGGA GATCGCACCA CTGCACTCCA GCCTGGGCAA CAGAGCGAGA
 300751 CTCATCTCA AAAAAGAAAA TTGGGAGACA GAAGGTGTGA
 300801 GTCTCACCAC CTCCTCCAG AGACAGAGTT GGGGGTGCTG TCCTGACTTC
 300851 AAGTACATAG AGAGGGCTTC AAGGAGCCCA CTTCCACGTG AGTCTCCTGA
 300901 GGCCAGCGCT GGAGGACAGG GTTCACAGTC AGTGTTCCAT TTGAATGACT
 300951 TTGCTTGTCA ATATCGCCGT AGTTAGTAAT AGGCTCTTAG TACTCCAGTT
 301001 GTATAAAGTG ATACCCAGCA TTAACTTGT GTCAGCACTG TACACTATGT
 301051 CCAGTTTAC AGATGAAGAA ACTGAACTC AGAGAAGTAG CTAACCCAAG
 301101 ATCACATCTC CAGCAGGTAG CAGAGTCAGG ATTTAGTGGG CGTGCTGAT
 301151 TCTAGAACTT TCTCATGCAT TTAAACAAAC TTTGCAACAC ATCTGCATTCT
 301201 TCCGTTGAAG AGAATCTCAC TGTCCTCACA GTGATTTCCC TAAACTTCAA
 301251 GCCCAACTC AATGGTCTTC TCCTCCAGGA GGTCTTTCTC AATTTCTCTT
 301301 TCCTCCACCA AGCCCCACAC ACCTTCCTCT GTGTGCCAC AGCCCTGGGT
 301351 TAACAAGGCT GTGGCCTGAT TATTAAGAGT GTGGACTCCA GAGTCCAAGC
 301401 TAGACCTGGT TTTGAATCTT TATTCTGCGA CTGACTAACT GTGTGACTTT
 301451 GGACAGTTCC CTACAGAGG TTAAACTGGG CTTTAATTTT OCCATCTGTA
 301501 AAATGGGAAT AACAAACCGTG CACAGAGTTA TTCAGGACTA AAGGAGCTAC
 301551 TTAATGTAAA GTGATTAGTA GCATGAGACT TTGCCTATAG TAAATATTAG
 301601 GCAAACATTA ACCAGGTCAA TGATGGCGGC GGTGAGGGTA ATGATGAAGA
 301651 TTTCTGTGTG TGCCCCATCA CCCTGTGCCA TGCCATTGTT GTCCTTCCCC
 301701 CTCAGGGACC ACAGGCTCCC TGAGGATAGA GGCTGCTTCA CCCATCCTGC
 301751 ACTCCTGCTC AGACTGGGT ATGGCACCCA GGAAGGCCTT GGTGAGGTT
 301801 GCTCATTGAG GGCATGAAGG ACATGGAGAA ATACATCGGG CAAGGAGAGG
 301851 AGTCCAGACA TGCAGCTGTG GCCAGCGATC CCAGAGGGTC TCTGCATGCC
 301901 TCCAGGGGGC CTTGAGAAAA CAGGGGCAGA GGAAGTGCCT TGTGGGGGCC
 301951 CCACAGCTGG AGCCCTTGGT AGAGAAGCAT CAGCCTGGCT GGAGCAGGCC
 302001 AGCTGGACAT CCCCAGCCTG GACATCCCTA ATCACTGGAT GAGCAACTGG
 302051 GTGTGAGGGA AGCCCTGCT TCTCACATGG GCTAATGATG CCTTATTGAA
 302101 GATGAAAGTA ACTCACATA GAAAGCTCTC ATCCTGACCA GAGGGCCGCT
 302151 AACTGGCCAT TCAACCTCC TCAGAGTAAG TGCTCTGGTC GGCTGGCAGG
 302201 CTGCGTAATT ACCTTTACCT CCGGCAGCCA CGTATGCAGA GGAGGGCTCT
 302251 CGCTTAGCCC GCTCCTCAGC CCTGCGTGCC TGCTGGCCTA CAGCCACATC
 302301 CCTCGTGATG CAGCAGAACCC TGGCTTCAGC AGCCCAAGAC CAGCAGCCCC
 302351 ACCCGGCCCA ACTCCTGCCA CCTCACCTGG AGGTCAGCTT TGCTGGCTGT

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302401 GCAAATCTGC ATACCTTCTA AATAATTTAT AGGCATAGAA TATGGGTTTG
 302451 TATTTCCATG CTGGGCCCTG GCAGGCTGGC AAGGCAGGCC TCTGGAGCAA
 302501 AACCGTCAGC CACAAATACC CAAGCTCCCC ACTGCAGGTG AGGACAAATG
 302551 CGGAAGGAAG ACCACCGTGG GAAGGCCAGC GGGTCCGCC TGAAGCTACC
 302601 GTAGGCTGAG GCTCTCTGAA AGCAGGGTGA GCTCCTGGGC AGGGAGGGAC
 302651 AGGCCCGGTC TCATCTCCCA TCTGTACACT TGGCGTGGAG TGGCATGGAA
 302701 GAGGCAGGCC ACCAACCTGA GCCTTTCAGA GGAACCTGAC CAGGGCAGGG
 302751 AGAGCAGCAC AGGGAAAGGG TGAGGAATTG AGGTTGGGAA GCATAAGAGG
 302801 AGGAGAACCA TGAAAGATGA GGTGGTGTTA GGTACAGCAA CGCACACAGA
 302851 GCTCACTCTT GGGGAAGCAC TGGGCAGAGA CTCAGCTGTG AGCAAGACCA
 302901 CAGCAGCCCC TGCCCCGGG GAGCTTGCCA CCTGGGTAGA GAGGCAGCGG
 302951 GTAGAGAGGC AGAAAGATGA CCCAATAAAC AAAGTAGGAG CTGAGAGAGA
 303001 GCGTCTGGG TGCAGGAGGA CCAACTGTCC CAAGAGGTCA GGAAGGGACA
 303051 TCGGAGTGGA TACCTGAACG CCGAGCTAGA GATAACTAGG CAGAGGGTGA
 303101 GGA AAAAGGT GTCCCAGGCA GGTGAGGGGA GCATGTGATC CCAAGGGACA
 303151 AGGGGCTTGA CTGAGGGAGG AGGCAATACC CAGGGTAGAA AGGCCGCCAC
 303201 CACAGTTAGG GGGCCGAGG CAGAACTCAG ACTCAGAGGC CAGGGCTTGG
 303251 AGAAGGCCAG CTTAGCTCGG CTGTGAGGGG GACCTCCCC AGCCTCTCCA
 303301 GAGTTGCCCA GTGAGTGGTG AGTCCCCATC ACTGCAGGTA TGCCAGCCTG
 303351 CAAGCGCTG GAGAGGGGAC TGAGTATCAG CTGGAGAGCT GGACTTGGCC
 303401 TTTGAAGGCC TCCGGTGATG ACTGTGGGA CAGACATGCA ACCAGAGCTG
 303451 TTATTTAAGA CCTCCTAGGA CCTAAAGCTG TTATCTAAGA CCTCCTGATG
 303501 TTCTGGGGTC TGGACTCTGT CCTTTTGGC TCTCCCTTGC TATATAAAGA
 303551 CAGAAACACA GCTGAGTGCA TGCATCTGCC TCCACTGCC CTGCTGTGC
 303601 AGGAAAAGTT GTCAGGAGCC CTTGGCAAG TGTCTGATGA GTGACTCATC
 303651 TGCATGAGGA ACAGGGGTGG CAGGAATGGG GCCCCATCT GTGCACTGGG
 303701 GTTCTGGGTG GAACAATCTC TGTCCCCAT TACACCACAG AGGGCTCAAT
 303751 TCTGAACCAG AACTGATGAT TGCTGGCCAG TGCAACCCTGC ACCAGTTCCT
 303801 TCTTCTCCCA CACTTGGAAG TTTCAAACCC AGACTGCCCC TTTCCCATCT
 303851 CAATCGTTTA CTCTAACAG CTGCATGGTG GGACCGGCA CTTTCTAGTC
 303901 ATTTCTTGA GCTGAGTCTT CCAGCACTTT CCATTTTAA AGATCCCAGC
 303951 TGGAAGTTGT CAATGGCCTC CGTGCAGAGC AATTGAATAG CAGAAAATGA
 304001 ACTAATTACA GGTGTGTTATT GAAAATCTAT TATATACAAA TTGCAAAGAA
 304051 AACTCATTAA AATATGAAGC TTTGGTGATT TTTTAAACC CTCCTCTTGG
 304101 AGGGAGAGGC AGGAACGGGG TGGCTGGAAA CCTTGTCTT CATTATTCTT
 304151 GGGGTAAGAA CTCCCCCAGG AGCTGCAGAA CAGCCTCATG TTCATGTGTC
 304201 ACACAGCCCA GCCTGACATC ATAAAGCTCG AAATTTTGCA TGCAGGAGAG
 304251 AGCTCTCTGA ATGTAGTAA ATACTCAAAA ATGGCTGCAG AGGAAACAAA
 304301 GAATTTTATT ACAAGATAT AAAATGAGAA CAATTTAAAT GTCAGCTTTT
 304351 TACCAGGATA GCACCATATT GTCCTCATAA ATCTCCATGT TTTTGCAAAG
 304401 CTTTGTGAG GACTTCAATG TGCAATTAAG CACTGAAGGT CACATTCCCG
 304451 ATTTCTCAGC TTGCTCCCTT GGATTGGAGG TGTGACGGG CTTAGGATGT
 304501 GAATGCCTGA GGCTTCCAGA GCTCACATCT CAAGGGAAAT CTTTGCATGG
 304551 CCGAGGCTAC TCCCAGGCT CCAGGCAGGA GCCCAGAAAC CAAACTGAGG
 304601 GTAACAGGGA GTGCCCCCAA GCCCACTGCC TCCTTGGCCT GCCAGCACTG
 304651 CCCTTGTCTC AGCGTGAGTG TGGGTGGTGT GAGCTCTGAG GTACCTAGTG
 304701 ATAACCAGGT GTACTGAGGT GTAGAGAAGA CCCACCTTGG CATGCTTCTG
 304751 AAAGGTAAAC CTTGCCTGAG GTTGTACCAG CCTAGGAAGG ATGCTTAGGG
 304801 CACAATCACC AGTTCTCTAG CTGTGTGCTC TTTCTTCTT CTCTGGTCAC
 304851 CTGTTCTCAG GCTCCATGAC AGTGCCCTGC AGAACCCAC CACCACTACT
 304901 ACAAGGCCCC GCTTGTGGGC TGCACGGGAA CAAGCTGTGT CCTGGGGTTA
 304951 GGGAGTGGTG GGGATGTAAG AGGAACTCCA CTCACACGGG ACATAGTGAC
 305001 TGA CTGGGTG AAGAGCTGTG GGCCACACTC AGGGCCAGGG CACTCAGAAG
 305051 CCTTGGCACC AAAGTGGCCC CTGATAGGAG CTGGCTGGAG AGCCAGACCC
 305101 TGGGGACAGA CAGTCCCTGG CTAGGCAGAG AGAGGCATTG GACACCTGAG
 305151 CTA CTACTGC CTGCCTGAAG CAGCAGATGA GGAGTGAGCT GGAAACCCCC
 305201 AGAAGATAAG CCAGTGCCCC ATCTGAGATT TTCTCAGCAT CAGCAATACT
 305251 GATCCCTGCT TATCGTGGCC CTTCTGAGC AGCTCTTTAG CCCC AAAGGC
 305301 TAAGGAGCAC CTCTTCTAGC CCAGAGGCCA GCCATTCCCC ACACCTCAC
 305351 TCTGGGTTGA GGACCAAGGC AGGCTGAGAG CAGGAGAGTC GCCAGGTGGT
 305401 TGAAATATAG TCAGAGGCCA CAGGACTAAT GAGTGTATGC AAAGACGGCA
 305451 GCAGGGCTAT ACAGTAACAA ACGCAGGAGG CACAAAAGGA CAAAGGGAAA
 305501 GTAGGGGTGA CCTCGAAGAG CTGGCAGGGT GGTATGGCC CAAGGCTCTT

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305551 GTTCCAGCGG GAGGACAAGA CCAGCAGAGC AGGGAAGAGG AGCCTAGCAC
 305601 TTTCCATGTG GTGGGCATTC AGCCTGGCAC AGAGTAGGTG CTTGACAAAC
 305651 ATTTGTCACC AGGATTAAAG ACCATGGTGG ACTTTTAAAG AGTTGTAGTA
 305701 AAGAGAAAAT GTTCAGAGCT GTTGTGGCAG TTCCCAGAGA GAATGAAGAA
 305751 CAGACCTGAG GGTTCCCTTT GATGGTGGAA TCATCCTGTT GCCCACGTGT
 305801 GGCATGCGCC GGGTGAGCAG CTCACCATGG TTCCACACAG TGGTCTGTGA
 305851 GCTGATGGCT GAGGGGCAGA GAGGGGACAT GGAACCTGCA GTCACCCCTC
 305901 GGTGTTGGCAC CATGCTCCCG TTTACTCACT GCTGTCCTGG TGGGACTCCT
 305951 GTTTCCCCCA AAGCTGGCCT TCCACGGGAC AGTGCCAAGC CACCCTAGCA
 306001 CCCTTTATAA CAGAGCATCT GTCCTTACCA AATGCCTCCC AGAGGCTCCC
 306051 TGGATACCAT AAGGAGGCCC GAGGTAAGAG GTAGAGTGGG ATTAATATGT
 306101 GCCCTGCGAT AAAGTGTGTTG TACCCAAGTC TTATCTGATT TCCCTTTTTC
 306151 GAAGACCTGT GAAGTCAGAG GATGGCAGAG GCTGTGGAAG TTGATCTTTC
 306201 TGGGTATTTA TTTGTGTTCT TGATAAGCAG GAAGAGAAAG GTCATCACAA
 306251 GTGCAGCCTG GAAATAAACC AATGGGAGAT CTCCCCGTG GATGGAGGAG
 306301 CAGATGTTCT GAGTCTATGT AGAAGGGGGC ACACGTAACG GCCATATGTT
 306351 CAGAGCCCCG AGTTCTCATT TAGCTCACAC AGGATTGTTG GGGGTTCTGG
 306401 AGGTCCCAGG TTTTGCCTT TACATATGAA GGCTGATAGC ATCTTTGGAC
 306451 CCTTGGGATC CATGTTTGA CTGGGACAAG CGAACGCTCG TAACTAGTTT
 306501 GTGGAACATAT AGGCTGGACT CAGCACAGGT ACAAGCAGAA GAGTTTTGTT
 306551 CTCCTCTGCT CAGACTTCCC GGTGAATCCA AATCTTCCCC TGGCTGTGGG
 306601 CTGAGGAGGG TGATGAGCTG AGGACCGCTC AGCAGTTTGG TCGCCAACAC
 306651 GAGGTGGCTT TCTGTCACTA TTAGCTTGG GGGTACTTGG TAATGGCTTT
 306701 CCATTTTGGG CTTCCACTAG AATFCCAACA CTGCAGCAAC AGTCCCATCC
 306751 CGTGCCCCAC TCCCATCTA GATCTTCTCA GGAAGGTGC AAGGAGGCCT
 306801 CTGTGCGAGC CGCCTGGGGC AGCCTGCAAG CTATGCCCTT GGAGAGCCGT
 306851 TCTTCTCCAG ATGGCATGGG CAATTTTTTCG TCAGACGGTG CTTCAGGCAG
 306901 AACAACTGTT TATATACTTG TTGGGACTGC AAAACGCATC CAGGTGGGGT
 306951 GGAATGGGGC CCCAAAGGAC TCTCTCCCCC TCCACAGGTG GTGCGATGGG
 307001 CAGTGATGAG AGCGGCACCT CCAAGCCAC CCCACATTCT CCATCTGGGT
 307051 GCGCTCTCTG GCTTACTCA TCTTCCTTAT CCCCTTCAGA CAGAGCCTCC
 307101 ACTAGCTGAG TGCTATGAC TCTCCAGAGC CTGTTGCTTC CCAGCAAACA
 307151 CTGCAGGCTG CGTGCTCACC ACGTGCCAGA TGCCATGAGA GGCATCTGGC
 307201 AGGCAGAACC TCTCTGACC TCCGAGTTCC AAAAATAAGG AAACCAAGGC
 307251 CCAAGAGGTG TGGGGCTGCA GAGCCCAACT CACAGCGAGG TGTGGCAGTT
 307301 CTAGACCTGC GCACTTTGGC AGGATGCTGG CTGCACTTCT GCTCCAGCCA
 307351 CGACTCTTTG GAGTCTTTGT GTCTTCCCCC ATGATGTGTG ACTCTGGGGT
 307401 GGCAGAGGGT TGGGCTCAGT GAGACAGACC CTCTCTGGGA GCTGTTTACC
 307451 TGTGCTGCGG CAGATGGCAG GGCCCTGAA GTGGCATCCT TTCTGAGTCC
 307501 TGAAGTCCGT GTGCCACAGG TGTTTTTCA CACATTTTAC CTGGGTCCCT
 307551 TTCAGATGAC AGTGTGAAAG GAGCAGGATT ACTGTCCTGC AGAACCATAG
 307601 CAGTTGACGC CTCCAACCTC CTGACAAAGC TCAGGGCTTC CGGCTCCACA
 307651 GAGAAAGCGG GGCCCAGACA GCAGACCTGT TATTCAGAAC AGGTGTCCCG
 307701 TGGAGGGGCT CTTTCTCTCA AACCCAAACC CCATCAAATA TCCACTCCTT
 307751 CTCAGCTCCC ACAATAAAT GCACCTCCAG AGACTCCTCT TCTGAGCCAC
 307801 TTCCAGCCCT GGTGTTGGTC CTGACCCTCA ATAGTCTACC TCTGTGCCAT
 307851 GGTGCTTGGA AATGTGCTGA TGCTTGGCAG CAGGTTCAAC ATCAGGGAAA
 307901 CGATGGCTTG GAAACAGAAG TCACATCCCT GCCTTTCATG GGTGTTGAA
 307951 ACACCCATCC CTCGGTAAAT TGCTGACACC TTGGTGAAAG CTGACAGCCT
 308001 TCGGAGGAGC TCGCAGGAAG CCCAGGCTG AATACTGTCC AGGCCAACTG
 308051 TACCAGGCCA CAGCTGGGGA GGCCACTGCT CCATGCTCAG GGCACAGTAG
 308101 GGGATTTAAG GGCAGTGGAG TCGACTCCTG GTTGGCTCAG ACAGAACAAA
 308151 CAGGGTTGGG TGGGGAACGG GGCCTAAAAG TACTACAGGT TAAATAACTC
 308201 AGCATCTAGA AAGCTCTAGA ACAAAGCTAG CCCAGGGCCC TGCCACCCCT
 308251 GACACCTGGA GGTGCTGAGT GAAAGAGCAG ACTTGTAAC AAGCAGACTG
 308301 TGTCCCTGTG GGAGATGTGG CCACCATGTC TCCTTCTCA TGTCCCTAG
 308351 TGCAGAGGGA GCAGAGTAGG TGCAAGGTAC AGCTGGATCC GGCCATCCTG
 308401 CATCCCGGCC CTCACCAAC ACCCTTGAGG CTTGAGGGCT TAGGGCACTT
 308451 ACAGAATGCC TGTCTGTGA ATGGTGGCCA AGCGATGGAC AGAGCTTCTT
 308501 GGTAAGCTA AGGGCTTCTG AGTTTGGGAA AACACAGAAA ATATGGAATG
 308551 TTCCGTGGCA GAAGGGCCAG CTGTGAGGAA GGTGGGGCTT TGGAAAAGGA
 308601 GCAATAGTGG CCACACCTTA AAGGCAGCCC TGGAGGCAAC CCAGTGTGTC
 308651 TCAGGCTAAA TGCAGATGTC TGCCCTGTAG ACAGTGTACC GACTAATTGT

308701 ATTCCATGCA GTTCAAAGTT CTGCTCATTT TTCCTGGGTC TCACCCTCCC
308751 CAGCCCCCCA ATCACAGAGC ACCATCTCTC CCTTGCCCTC AACTAAAGAT
308801 GTGCACACAC CTTCCCAGAC ACAAGGAGGA GCGGTGATGG GGCAGCCTTT
308851 CAGGGAGCTC TGGCTTCTGC TGGTTGGAGA AGCAGTTGGT AGCTGCTTCT
308901 AATTGGAAAG GAATGCCAGT GGGCTTCCCC TCTGGATGCT TCCCTCGAAT
308951 TCTCTAAATT AACAATAAAG GCCTGGGCTG AGCAGGGCCC CCAGACCCAG
309001 AGTCAGCTCT CCATCATTCA GAGGCTGACT GTCCACTTTG GAAAATTCAT
309051 GCCAGACTCT CCACAGCCTC CCTGCCTCCC ACCTGCCAGC CGCCGCTGG
309101 TTAGAATTTG AAGGCAGCCC ATGTGAAGGG GAAGCAGAGA CAGCACAGGG
309151 TGGGGGAAAC TCAAAGCAAC TGGATGTGCT GCTGGTTAAG GGCTCTGGGA
309201 AGTAGTGGTT TTTGAGAGGA GGGAGGAAGT CAGCATTAAA TGGACATAAG
309251 GAGAGAGACT GGGGACATCT GGCCATGTAG GCCCTTCCTG AGCCTTCACA
309301 CTCATGTGTG CACCTCCCTT TGAAGTCAGG AGAGGTAATT GATCTTGCCG
309351 GACTCAGCCC AAGCCTATGA TCCCTGCCCT TGAGACCACA GGCCCCAGCC
309401 CCTCTGTAAG CAGCCCTGGC CAGGCAGCTG AGCAGATGAA ATATTCCAG
309451 GCCCCAGAGT GAGCAGTGTG ACTTTAAAAA GTCTGTGTTA GACTAGACTG
309501 ACTGCACCCA ACTGTTCCCT TTTGAAAACA GTGTCTCAGA AGGCTCAGGC
309551 CCTTACAAGC TCTGTAACCT CAAATGTCTA CCAAGATGCC CAGGCTGCAG
309601 GGAGTAGCCC TCATCCCAGG GGAGAAGTGC GGTCTTTACA ATGGCACAAC
309651 CACAAAGGCT CTGGCCGGGG CCTCAGTCTC ACCAAAGGGA CTTGGCCTCC
309701 TGGTCTCCAG CCCCAGTTCC TGATCCTCAG ATGAAGATGT TCTGATGCCA
309751 TGGGCACTTC CAGGGAGAAT GGCCTGGCAA GTGGCTGTCC CTCAGTTCTC
309801 TGCAGAGGGC AGTAAGCTTC CAGAGCGAAC TGAGACACCC CCGCAGGTGC
309851 CACATGAATC AGCACCATGG CTGAGTTTCC TGCTCTCAGA TGTGACAGAC
309901 ATGGTCTTTG AAGTCACAAA GCCAACAGGT TAGGAAGCTT TTGGGCTTCA
309951 GCTCTGAGTA GGCAGGAGTT TAAGGAAACG CCCCAAATTG AAGCAACACA
310001 ACAGGTGAAT ATTTGCTCTT ATGTATCCAT TCATGCCTAC CATCTGCCCC
310051 AGGCAAGTTC TGGACTGAGC CCTGGGAAAA GAATGGTGAT GTGACAAGCC
310101 TGGCCCTGTC ATCCTGTCTG CAAGTTGATT ACTAAGAAAC TAGTCCAGGG
310151 CCCACAGTGG GGAAGCCAC CCACGATGGA GTGTTGGCTG GATGGGCAGA
310201 CACTTGCCCC GCACCTGGTG TACAGGTATC ACACACCTAA GGAGCAGAGC
310251 ATTGCAGGGC TCACCATGTG TTGCAGAGCT TGCCTCTGAA GCCACATAAT
310301 TAATTTTCAAG TAATCATACA GCATTCATAG TTGATGCTAA GCTGTTCTAA
310351 GTGAATTCAT TAATCCTTGC AACAATCTAT GAGAGAGGAA CTATCGTTAT
310401 CCCCTTTTTA TAGATGAGGC CCAGAGGCAC CATGCTAGAG TAACTTGCCC
310451 ACCTCTCAGC TAGAGAGTTA CAGGGCAGGG TTTGAACCCA GGAGTTCAGC
310501 TTCCAAGCCT GTGTTCTTAC CTACTAAGCT ATGCTGCCTC TCAAGTCATT
310551 CTAGACAATC TTGGTCAACA GCGTCTGTTT CGGGAGACCC CTTGTGTGCC
310601 TCAAACCTGG CAGGTACCAG TGGCTAGGGA TAGAGGACTG CTGGTCCAGA
310651 TGAGGGATGG GGGACTGTTG GTCCCGACGC TGCGCACCCC ACCTGGCATC
310701 CTGTCCCACA AGGGCCAGCC CATCAGAAAC ACCCTGGCTT CTAGAACTG
310751 TGCTACCCAG CAGAGTCCAG GAGGGACTAC AGTGAGGCCT CAGGTGTCTT
310801 AAATCCAAAT TGGCAAGCAC TTCTTGAGAC TTCATATGCC CACTCTAGAT
310851 TTCTGTGAGA GCTGGGGCCA GTCAGGTGCA CAGGATTCTC ATGAAGGAGG
310901 CAGGGAGCAG GAGGCTGTGG CTGGTGGCTG TGCTGTGACA TTTGTTATTA
310951 CTAATAACAT TGACTGAGTG TTAAGCAGCT TAACATTATC TCATTTAGTG
311001 ACATTCATC CTTATGAAAA GATACCACGT GTCTCATTTT AGAGGTGAAG
311051 AGCCGGAGAC ACAGAGAGAT TAAGTCATTG CCTGCGGTTA CCCAGTAGAC
311101 CAAAAATTCC AACCCATGCA TGATGGCTCC AGCACTCCAT CAGCACATCT
311151 GATGAGGCCA CCTGCCACCC ACGAGTCCCA CCGAGCCTTG GCTTGAGGAC
311201 AGGTGGGAGC ACCCTCCTCT GCCCCTGGAA CCCTGGGGCT CACACATTCC
311251 ATCTTTGTGC CTGATTTAAT CATGAAAACC AAGTGTCTC TTCTTATTCA
311301 GGAGGTTGAT TCTTCTCTG TCTGGCAGGG ATGTTGTAAT AACCAATTAA
311351 TACGCATTTG CAAAATGCTT TGAGATCCTG CACGTAGGAT ACCATTTGTG
311401 CAAAATCAGT TTTTTTGGTA AACTATTTG ACATGAAAAA TTGTCTTTT
311451 TTCTCTGTGA GAGAGCTTTT TTTCAAAATG CCTTCCATCA AAGGGTGCAA
311501 TTATGAACTC TGGAAAGACTT CCTGATACCA TCAAGGTAGG CAGGTACTCC
311551 CTGCCCATGT GACCTTAGAG GTGCCCCCTC AGAACCTACA CCTGAGGCTG
311601 CAGTGTGCCC ACCAGCCCCA GCCCCAAGG CAGGCCTGCA GGTGAAAAGT
311651 GCTTAGCCCT GGAGGCAGTG TGCGGTCATT CACACAAATA CTCTCTGGCA
311701 GGAGCTGTTT TAGGCTGCAG AAATTCAACA GGTTCACA CAGACAAAAA
311751 CTCTTGCCCT CACGGAACCT GTATTGCAGG GAGGAGACAC AGATAAACAA
311801 CAATGGATGC GTAGATTACA ACGTGGGTAG TACTTTTGAG AACAGCAACA

311851 CAGAGGGCAG GGTAGGGCAG GGCAGGGCAG GGGTGGGCAA AATTAAATAC
 311901 GATAGCCCGAG GGAAAGCCTC ATCCAGAGGG GCTATGTGAG CCAGGTGTTG
 311951 AAGGGGTGAG GGCACCTCGCC ACGCAGTCAC TGGGGGAAGA TGTGTCCTAG
 312001 CCCCTTAGGT AAAAATAGGT CTGATGGTAG GAGTGGTATG GGAAGCTGGG
 312051 GGCAGGGTCA AAGGTCCTGG GGGCCCCTGG AAGCTAACCT AAGCACTTTT
 312101 GTTTTCACAA TGGGTGAAAC TAGATTATTG GAGGGCTTCA AGTCGAGAAG
 312151 GGATGTGATC TGACTTTATA TTTTAAAGGA AGCACTTTGG CTGCTGTTTT
 312201 GAGAAAAGAC TGTTACAGGG CAAAAGTAGG AGCATGTAGA CAAGTTAGGA
 312251 GGCTGTTGCA ATAATTCAGC TAATGGGCAC GATGGTGGTG AGGAGAGGCT
 312301 GGATCATGGG TATATTCTGA AGGGCGGTGC CAAAGAGATT TGCTGATGAG
 312351 TTGCATGTGG TTATTAGAAA AGAAAGGAGT CCAGGATAAC TCCAGGGTTT
 312401 TGGGCAATGAG GACTGGAAGG ATGGAGTTGC CATTAAGTGA GACAGAGGAG
 312451 ACCATGGGTG GAGGAGGTTT GGGAGGGAAG ATCAGGAGTT AATTTGGGGG
 312501 CATACTGAGT TTGAGATGCT ATCAGACATT CAAGTGGCAG TGTTGAACAG
 312551 GCAGTTGGAT AGACGAGGAG AGGGCTAGGC TGAAGATGGA AACTTGGAAG
 312601 CCCTTAGCAT ACTGACAGCA TTTAAAGCTC TGAGTTGGAT GAGATCACTG
 312651 AGTAGGTGAA TGTGGATAGA GAAGAGAAGC CAAGACAGAG CCCTAAGAGC
 312701 CTCTGATGGG AAGAGGTCAG GAAGAGGAGT GGGAGCCCCA AAAGAGAATG
 312751 AGAGGAAGAT GCCAGAGTGG TGGGAGGAAA CCCAGGCAAG TGCAATGTCC
 312801 TAGGAGCCAA GAGAAGAGTG AGTCAGGAAG CGGTGAGCTG TCCCAAGTGC
 312851 TGAAAGCTCA GTTAAGATGA GGACAAAGAA AAGAGACTTG TATTAGTCAT
 312901 TTGGAGGTCT TCGGCTTGAA AGGCAGTTTC CACGCAGTGG GATGGGAGAG
 312951 GGTACAAAAG TCTCATTTGA TTGGGTTTAA GATGGAGTGG GAAGAAAGGA
 313001 ACTGGAGAAA CTAAATGAAG ATAAATCTTC TGAGGAGTTT TGCAGCAAAG
 313051 AACAGAATAG GGCAGTAGCT AAAAGGATAG CAGGGCCAAG AAGGCTTTTG
 313101 CAAACACACG TGAGCAACCG GCATGTCTGT GGATGAGCAG AGTCAAGTAG
 313151 AAAGGGGAAA CTGAGGCTGT GGAAGGAAGA GGCAGTACAA CCAGATGACT
 313201 TCTTTGAGTA GGCGAGGGGA GGTGGAATCC AGGGCCCAGG TTGGGGATTG
 313251 TCTTAGATGG ATGGGCGGCA GACCCAGTTA ACGGGAAAGA AGCCTGAGAG
 313301 TGTGAACCGA CAGAGATGGG TGGGTCGGTG TGGTGGGTGC GTGTGCAGAC
 313351 GTCTGTTTTT TCAGTGAATC AGGAAGCAAG GTCATGGCTG AGCGTGAGGA
 313401 TAAGGGAAGA GATGTGGAAG TCTGAGGAGG GAGAAGAAGG TCGGGAACGA
 313451 TTGTGTAGGA GAGTGAAAGA GGGACAGATG CAGAGGAGGC GGAGTGATCT
 313501 TTGGGCAGCT TTCGGGACCC ACTTGAGGGC CCTAGTCCTG AATCCAAAGT
 313551 GAGACTAGTC AGCAGGGTGG CCGTTTCCCC AGCATGTTCA GCTACCCGGG
 313601 TATAAGCAGA CAGCACCCAG ACAGATTTCA CCAGGGCTGG AGGGTTGTCA
 313651 AGAGAGGGTA AGGGAATTGA GTGTGTGCAA CAGTATCATT CCAGTGATTT
 313701 AAATTCATG GAATTCATG GTAAGGAGGA AGCAACATCA CCACAGGTGA
 313751 CAGGCATACA GTTGGTCAGT AGATTCCCGG TGGGGCTGAA GAATTCCTTG
 313801 AGTCTGGATA CCAGACAGAA TAAACCAGAA GAGATGGGAG GTGATCAGAG
 313851 AGTAGGATGC CTGTAGATAT GAGTTTTTCAG GCTGCTATAA TTTGTAATGA
 313901 CAGTGTCTGG ACTCCAGGAT ATGGCCACCT GTAAGGTGGA GAGTTGGCAG
 313951 GTAATCAACT TGGATGTTTA AATCACCTGG CACTTACACA GGTGGCATAT
 314001 AAGGGAGACT GCTGTTAGCC ATAGGCTACA ACACAGGAAA TGGGGTGGGG
 314051 CATAACCCAG AGTCAGCAGG TGAATGCAGC AAAGAGGGGC GGTGGGTGGC
 314101 ACGTGGAGCA TGCACGGGGG TTTCCCTTTC TCCCTGAGAG CAGGTTCTCT
 314151 GAGGCAGGGT CTCTTTTTAT GCCCATTTTA CAGAAGAGGA ACGGAGGCAT
 314201 CAAAAGTTG CACGTGGTGG TAGAGATGAA ACTCAAATCA GGGGATGTCC
 314251 TCCAAAATTA ACACCCCTGA CACCACACAG AGTACCTTCC AACACAGACA
 314301 GGTTGACCAT GAGTAAGATT TGGTCCCTGG CCCAGGGAG TCCACTCTTC
 314351 TATGGGAAAA CAAGACGTGT GCAAAAACAA GGCAAAAGGC TGTGGGACGG
 314401 TTGCCAAAAG AACGCCATGG AAAGTGAGAG GAGGGGTGAA CACAGCTAAG
 314451 CAAAATAATG CTATTAGTCT TCACAAAGGA GGGCACGATG GGATTTTACA
 314501 GGCAGGTATG GGAGTGGGAA AAGGCATCCC AGTCAGAGGC AACAGCCTAA
 314551 GCGTAAGAAC AGATGGGAAG GCTCCAGACC ATCTAATATG GCCAATCTGT
 314601 CCCGTGCCAT GGACAAATAA AAGAGAAGAA ATGATGCAGG AGGGAGGGAT
 314651 TAGAACGATA ACAGCAAGGG CGTGTGTTAG GGAGCTAAAT GCAATCACAC
 314701 ACAACCCCA AATCTCAGGG GCTTAGTGCA ATATTTATTA GTGCAAAGAT
 314751 TTGTTCTCCA TTCCTGTAAC AGCTCAAGGC TGGTGTTCAG TTTCTGTGCA
 314801 CACAGTGACA TGGGGACTCG GACACCTTCA GGATGTGGTT CTTCCGTCTC
 314851 CTGGGGCCTC AGATTCCTTT ACTGGATGCT GCATCTGGCC GGTATACAGT
 314901 AGGATGGAGA GAGTAGAGAG GCTTGCAGGA GCTGTTTTGG AGCCCAGCAA
 314951 AGCCCTTGCA CCCATCCCTC CTGACACATT CCACTGGCCA GAACTCAGTC

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315001 ATATGGATGC CTCAACTACA GGAAGAGCTG GGAAATGTAG TCCAGCTGTG
 315051 TCCACAGGAG GGAATGGATG CAGGTTGAGG TGAACACAGA GCATTCTCTG
 315101 CCAAAGACAT GCAGGCCACA GAGTTTGGGC ATGTCAAGGA AGCCAGGGAA
 315151 GCATGGAGGG TGTGGTCAAA GTCAGTTTGA GGAGGACCGA CCTGTAGACA
 315201 CCCACAGGGA AGAGTGAGGA CTAGGAACT CCAGAGACTG TAGAAGACCT
 315251 GAACACAGAT GCAAAAGTGG GAACAGAAAA GGGCACAAAA AGAAAGATGA
 315301 TTCTGGGAGG CTCTTGTGGC CCTTGCGTGG GGTGGCGGTT GGGAGAGAAG
 315351 GAGCTGAACA GTGAAGACCA TTCCGAGAGT TCGCCACAGG GCCAAGATGG
 315401 CCGCCTGCCT CTCCTTCTTA GCTCTGGGGG TGCCGGAAGG CAGGGTCAGG
 315451 CCCTGTGGAG ATGGAGTGGC GGGAGGTGGC TGTGACGGTC CTCCGAGTC
 315501 CATAGCCTGG CCCCACAGAG GGGAGAAGAA AGGATCTCTT TTAATTTTCT
 315551 TCTCAGGCCT CCACCTGACG AAGGAGAAAT ATCACCACAC ATTGTTATCT
 315601 CTCAGAAAAT ACTCTCTGGA ATCATAAAAA GGGAAATACA GTGAAGCTAG
 315651 ACCACGAAGG CTGCCCTTA AATCAGGAGC TTCTAAATTA TCACAGTGGC
 315701 GCTCTCTAAT TCCTCGGAAT GAAAACATTA AAGATGACAA TGTCCCTTTA
 315751 AATCAAAATG CTTGGGAGTT GCTGTAAAGA GTCAGTGGGC TTTTTTTTTT
 315801 CCCTTGTGAG GATTTTTTTT TTTGTCTCTT TTCACCTTAT AATAAAATAT
 315851 AAATCATAAC TTGTGGGGGC AGGCTCTACA GAGCAAGCTG TGAACATGGA
 315901 TTTTCTGAAA ATGAAGGTTT TTTTAAATGG GAATCATCTC ATCTCAGGAA
 315951 GCATGAGAGT CTCAAATGAT GAGTTTGCTA CTTACACACT TCTTTTTTTT
 316001 TTTTTTGATT CACAGGTGGG CCTCAGGCCT AGCTGTGGCA CCACTGTGAT
 316051 GAATCATGAT GGCACACCC AGGAGGCCAG TGGGCTGACT CAACCCCTCC
 316101 TGGAGCGGCC ACTGTGCTCA AGCTGTGCGA GGTAGGGGCA GGGAGGCACA
 316151 GCCTTGGGAG GTAGCATGTA GAGGCAGGAG GACTGGGGCC TGGAGGAAAG
 316201 GGCATGGTTC ACACCCCTTG GCCCCTTCCA GGCAGGCCTG GTGGTCTGAG
 316251 CTCTTGTGCC ACAAAAGAGAA CCCAGAGGCT AGTGCAGCCC CAGGAGGAAG
 316301 GGTGGGAGC CACGGGTCAG AGAAGGCTGC ATGGCAAGGT GGACTTGTGT
 316351 TCTGCATTCT GGTGTGGAAG AGGGGTCAGA GATGGAGAAA GAACTGGCGA
 316401 GTTGACCCAG GCTCGGGAAG TACCAGGGCA GCACGACCC AAGGGTCTGC
 316451 CCTTGGTCTG CCACTCCCTT CTCTCTGCGA TCCTCCATCT GCCAGTGCCC
 316501 ATCTCCATGG GCTGGGTGGA GACTCAAGGC CTGGCAGGGC CAAGTCTGGG
 316551 AAGCTGCTGG ACAGTTGTAA CCAAGGTAGG AAAGCAGTCT CTGATATTTT
 316601 AGAAAAGTGT TCAAGGCTTA GGTCTGAAAT CGCAGGGCTT GCTGATTAAA
 316651 ACATGTACCC TATGGCCAC AGCCCTCTCC CCTCCCACTG AACTAGCCAA
 316701 GCATCTTCAG AAAGGCTGGC TCTTCTCATC AACTCCATGG CCTTCATCCT
 316751 GACCCCTGGC TTCCCTCTGT GCTCCGTCCA CACCCTCCCC ACCTCCCCTA
 316801 CACCTGTACA GGAAGTGAAG CCTGCAACAG GTCACCTTG CCCTGCGGTT
 316851 GGCTTAGGCA GAGAACAATC CTATCTTTAT CCAGTCTGAC CTCTCTGCAG
 316901 ATCAGGCCCT CCGGACCTCT CCCTCCTTGA GACGCTCATT TGCTCTCCAC
 316951 CTTTTTGGCC ACCTGTTCTC CATCTTATTT GAAAGTGAGC TCCTTTCCCC
 317001 TGCCAGCCCC TTACACTTTC TTGGTAGAGA GCCAGGATGT AGGCATCTTA
 317051 GGCTTGTGTA GCAATACAGT GTCTACCACA GCCACTGAAC TCTGACATTG
 317101 CAACGTGAGG CAGCTGTAGA TAAAATGTAA ACAAATGAAT GTGTCTGTGT
 317151 TCCAGTAAAA CCTGATTTAC AAAAACAGAT GGAGGGCCTG TCTGAGACAC
 317201 TCAGGTGCGC TGCTCCCCTC AATTTACTCT GCCCTGGGGA GGGTCTTGTC
 317251 CCACCCACGC CTCCAGACAT GAGGTTTCCA GCACAGGTC TTCAGAAGTC
 317301 CCTAAGTCC AAGGGGACCA AGAGGTCCAA GGGTCATTAC TTAGAGGCAC
 317351 CACACACTTA GTGTGACTCA ACGGCCGCT CTTCACCCAA ACTCCCCTCC
 317401 CCTCCTGTGT CTCCTGTCTC ACCAACATAC TTTCCCCTT CCCATTGTAC
 317451 TTCTTTTGTA ATCGGATTGT TAAGTGCTTC CAAGTGGGCG GTTGAGTCTT
 317501 TGAGAGCTGC ACGTGACCTT GAGCGCAGGC TCAGGAGATG GGTGGGGAGT
 317551 CGGAGACGGA GGCTCTAGGG AGACTGAGGG GCTGGGAGAT GCGGCACAAG
 317601 AGTGGGAAGC CCAGCACTGC GGACTCACTG GGCTCGATCT CCTCCCTGAC
 317651 GGGCTGGCCA GCATTAGCT GTATTGTCTT TTCAGTGGGG TCCCACAGGG
 317701 GGTCATGTTG AAAAGAAGCA GCCACATTG CAGGCGAGGG ACCGCGGGCC
 317751 AAAGGCAGGT GGCTGGAGC CATGGGCCCC TGTCTGCCGG CCTGTCCATC
 317801 CCAAGTGTG CTGAGGTCAC TGAGCTGAGG GCAGTGCTTA GAGCCATCCA
 317851 AGAGGGCTCC AGGGGCGGGG ACTGTGTTGG AGGCCACATG CCACCCCTCTG
 317901 CTGTGGTTCC TGCTTTACCT CATCCTAGGA GACCACACAG CTTAGGCATA
 317951 ATGCCCTAGAG CTAAATTTCA GGGGCTTCAG ATAGCCATGT CATAATCCAC
 318001 AGACCCAGTG GAAAGTACAA CTCCTGGGG CCCAGTCCG CCGTGTGGGA
 318051 CCCCTCCCCA AGGCTGCTGG CTTGCTGGGA AGCAGGGATG CCAGATGAAG
 318101 AGGGAAGACC CAGGCTGGAA GCTTTGCCTT ATCTCCATGC CACAGAGGCT

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318151 CAAGGACTCC CCGATGGCCC TCACAGGAGC TCTGCCCCCA GCTCCATTTT
 318201 CCTCATTCGC CCAGTGTGG CGGCAGAGGG CATCAGCAGA GGTGCAGGCA
 318251 TTGCGAGTGC CCTCTGATGC AGCTCCAAAC ATTCTGTTC CTTAGAGCAG
 318301 CAAACAGTCT CACCTGTCTC CTGCTCATCA TGGGTACATA AAATCCCTG
 318351 TTGTTTATTC ACTCTCCTCC TCACAGTCCT GGATGGCAAG ACACAGTAAT
 318401 TAATCATCAG GCTGCTTTTG CGAGGGGCCA CACCTGCTG GTGCTGCACC
 318451 TGGGCAGCTG CCTAACAGAT TGGCTGCCGA AGGTTTGTTC TGAGGCTGAA
 318501 TTCTTGATCT TGGCCACTCT CTCGGGGATG GAGAGCCATC AGCACCCACT
 318551 TTGCACGCAG GCCTCACTCC CGGCACACTC TCAGAAAGGC CCTGGAATTT
 318601 ATTTTGCCCA TTTGAATACA AATGCAATTG AGACAAGATT CTTTTTGTTC
 318651 CAGAAGTCAT TGCTTCATTT CTGTTTCTCG TCAAGTGAAC TGACAGCCAA
 318701 AGAGAGTTGA AATAACAAC TCTGTGCCTG GCTGAGCCAG ATGAAATAAG
 318751 TCCCCCACC CATCACTGAG ACATGGTACC ATCAGGTTGT GTTACCAGTT
 318801 AAGGGCTTGG TGCTGGTCTT TGGGCAGCTC TGGAGGCAGA ATGTCAGGCT
 318851 TTGGGCTACA TCTGTGCCAG GACAGGCTGC AGGACTAGTC CCAGAGTTGG
 318901 GCAAGCTGGA AGACAGGTGC CTACCACAGC AGGACACCTG CCCCTCTGCC
 318951 CTGTGTCTTA GAGGCCTTTT CCTTCAGCAT GGATCCTGGG GAAGGGAGAC
 319001 ACATGCAGTC ATTCATTGAG GAAGGGGAGA AAGTGGCAGC CAAGGCCCCA
 319051 CTCTCAGGAG CTCCTGACCC ATCTAGGGAA GTGGGGCTCC CAGGCAAGAA
 319101 GGAGGTATGT AAATATCAAG TGTTAAACCA CAGGGTTGGG ATGATAGGTG
 319151 CTGTGGAACC ATCTGGGCTT CCTGGAAGAA GATGGGCTTA GGCTGGATCT
 319201 TGAAGAATGA AGGTGGGATA TATTTGGACA GATAGAGAAG GAAAGGGCTC
 319251 TACTTCAAGG CAAGAGAAAG GCTCAGAAGA AGGATTAGGA GTGGGGATTTC
 319301 AAGAATATAA TTCCTTCAGT ATTAAGTACC TGCTAAAGGT GGGCAGATCA
 319351 ATAGCGGGGC AGTTGGGGTT GTGACCTCAT TTTCAGCTCT GCCCTGCTTT
 319401 GCCCTGAGGC TCCAGACCTC GCAGCCCCCA AGGTTCCAC TGTATCCCA
 319451 GTTCCCAAGG GCAGCTGGGA TCTGACCTTG CTCCTGAGAA ATGCTGCATG
 319501 AAAGAGGGGC ATACACTCTG TGGAGCTCCC TGCCCAAGG GCCTCCTCCA
 319551 GGCCAGGCTG TGCCCTCTGAG CCCAGGCTGC AGAGACGGGA GGATGGCACA
 319601 GCACCACCTC TAGGGTATGG AGAGCAGCCT CTGACAGACC CTCACCTCAG
 319651 TCTTTGATAA AAGAGAGCAG ACAGTTTTCC TGTAACCGAG GAATAATTCT
 319701 CAAGGTGGAC ATGCGACCCA GAAAAATGGA GTGATGCTTA GTCCCCAGAT
 319751 GCCCCCTCCA GCGCTGTCCA GCTGTCTTGA CAGGGGCTGC CACTCGGATA
 319801 GGTAGTCAA GCGAGGCCAG AGCCCTTTTC ACAGGCACCT TGGGGCCTTG
 319851 GGCTACCTT CACTTTCCAG GACACAAAGG CTCTCCCTAG GCAGGCTCTG
 319901 TCCAGCATC CAGGGCCAAG GGGCTCAGGC AGAGGCTCTT TAAAAGCTTG
 319951 GTGCTTCATC TTGATGAGTT TCTTGCTGGG GGCTCTGAGC ATTGTGACTG
 320001 TGACAGTTT TGAGCCCCTC GTGGCTGGGC AGGGTCTGTG TTTGGTCTTG
 320051 TGGGTACTGA ATATGAAGCT GTTTCCAGAT GAACAGCAAC ATCGCTCCAA
 320101 ACAGTTCAAT TCAGTGAGCG GGCCAGGAGT GGGGCCTGGG CAGACCCAGA
 320151 CAGGCCTGGG AGGGGCAGGC AGCAGCCTCT CCCTGGCTGT GCTGCTGAGG
 320201 GTGCCTGGGG CTCCTGTGCC CACCATGGGG GACCCCCGGG ACAGAGGGGC
 320251 CTCTACTACA GGGCCCCTGC AGCCTGTCTC CAAAACCTCT ATCTAAGGCC
 320301 TGCAGAGTCC GCAAAGCCCC ACCCTCAGAA AGGTAAAGTC ACTCACTCCC
 320351 AGGGCTACCT AGTTAGTAAG AGGTGGGGCT GGAATACTCA AAATACATTA
 320401 ATCATTTTTT AAAATAATAA TTGTTCTTTA CTGAGGCATT ACTTTGTGCC
 320451 AGGCACTACG TTAAATCATT TATATTATAT GTAGTTCAGT CCTCAAACAG
 320501 GTACTATTAG TAACCCAGT TTACAGATGA GATGACTGAG GTTGGGCAAT
 320551 AGCACAGCTG GGATTAATC CAGGCAAGTC CAAGTCCAAA ACAACAGCC
 320601 TTTCTCTGCT TTCCTGAGGC AGGAGATTGG GGATAAGGCA TGAGGGAGAG
 320651 ATGCAGATG CTTGTGATGT GGCAGTCATG GAAGGCAGGC TCCCTGGAGG
 320701 AGGTGGTGTG TTGCATTTGA ATGGCATCCA GAAGGATGTG TGTGATTGGA
 320751 GTAAAGGGCA GGAAGAACAG TGGGAGCAAA GAAAGACACT GAGGCTGGAG
 320801 GACACAGAAT ACATTCAAGA AACGGCACTG TTGTCATCCT AGAGCAGAGT
 320851 GCGGGCAGCA GGGGGCAGTG GGGACCACAG TGTCAGGTCA GTCAGACTAT
 320901 AGAGGCCTGG AATGAGAGGC CAAGAACAGC CATCCAAGC TCTGGGCAGG
 320951 GGAGAAGCAG ATCCAGGGCT GAGCTGGTTG GGATGCCTAT GCCTGCATCT
 321001 TAGGAAATGA AATGACCCAA CTGCGGCCTC CATCATAGGC CAGCACCCAG
 321051 GTAGCATCCC GAGCCACTGC TGATTTAAGA GATGTGCATG CAGCTGTCAT
 321101 TCACAGACTC CCAGCAATAG TGTTACCTC CTCGGTAGAA TAGTCACCTA
 321151 CAAAGCATTT TTTTTTTTTT TTTTGAGATG GAGTCTCGCT CTGTCACCCA
 321201 GGCTGGAGTG CAGTGGTGCG ATCTCAGCTC ACTGCAAGCC CCACCTCTG
 321251 GGTTCATGCC ATTCTCCTGC CTCAGCCTCC CGAGTAGCTG GGACTACAGG

321301 CGCCCGCCAC CACACCTGGC TAATTTTTTG TATTTTGTAGT AGAGACGGAG
 321351 TTTCACCATG TTAGCCAGGA TGGTCTCGAT CTCCTGACCT TGTGATCCAC
 321401 CCGCCTCAGC CTCCCAAAGT GCTGGAATTA CAGGCGTGAG CCACCGCGTC
 321451 CGGCCAACCT ACAAGCTTT AACACACTGA AAGCAGAGGA TTTCTGCCTG
 321501 AAAAGCACTG GTATTTGGAC TTGTGAACAT AAAGATGGGA ATGCAACCAG
 321551 GCAATGCAGG GGCTGCCTAG AGTCAAGGGT TTGTTTTTAA GTAAGAGAGA
 321601 CAGAAATGATA TTTACAATCA GTACTTCTCA AATTAGGTTT TCTTTTATG
 321651 GGATTGAAAA TTCTCCATT C AAGCCCCATG GAGAGATGTG GTCTGAGGGC
 321701 AGCATTGAGG CGATCAGTGT GTCTTAAAC T TCCAGACGC TCACAGACAC
 321751 TTAAGTAA AACAGAGAGA AAAAAATTG TTTCCAAAA GCAGCAAAGA
 321801 AGGCTGATCT GCTTGTAGG ATCCTTGAG TCCACTGTGG GCCAGCTCAG
 321851 ATGCCACCTC CTCCAGGAAG CCCTCCCTAA GTCCCTGCC TGCAGTCCTA
 321901 CCTTGCTTCA GATGCATAGT GGAGGGTCCC CAATGTGATG ATGTGGCCTC
 321951 CAGCTGGGGC AACATCCATG GGCTCCAGAG AGCCACAGGG GTCATGAGTT
 322001 GATTTTTTAA GCCTTTTGAA CCATAGCCTA TGGGTGAGAA GAAAGGTTTT
 322051 TGTCAGATT GAAGAGGCGA TTAACCTGTA GCGGGTGGAT GTACATCAA
 322101 AACGTGCTCC ACAGAAACAA GATCTCTTCA GAAAAAGTTA GGTCTCATTG
 322151 CAAGTGT TTTT TACATGCCTG AATGTGGAGA TCTGGGTAGG GCCTCCAAAG
 322201 CTCTAAGGTC CGTTGTCCCT CTCTGTAGT ACCTAGCAAG TGTTAACCGT
 322251 GTGCCGTGATA CATGCTAAAT ACTTTTCACA TATTCAGTCC TCACTAAAAG
 322301 TCTATGAGGC AGATTCTGAG TCCCATTTTA AAGAAGAGGA AACTGAGGTC
 322351 CAGAGAGGTT AAGAAATTTG CCCAAGGTTG CATAGTCAGT AAATGGTGGA
 322401 GTTGGGATTA GAACCCAGGC TCCTAAGCAC TGCACAACAT CACACCCAGG
 322451 GATGCTTAGA GGTGAGCCTT GTGTCGTGAC CATGTCACAC ACACACCTAG
 322501 GTTGCAAGTG CCATGGACAC AGGGCAGGTC AGATTCTGCT GTGCTCAGGC
 322551 ACCCAGGACA GGGCTTGGA CAGAGCTTAG TTATTGGTGC CCTGGCAGGT
 322601 GGGGCCACCG ATCCAGCTCC CTTCTAGGA CTTCTGCTC TGGGCAAGTG
 322651 GTCAACCCTG AGAGTGCTGA CAGCCAGTG GACAGGTCTT GGCAAAGTCT
 322701 ATGCCTGGGC GTGGCCTAGC CTGCAGGCC ATCCTGAGGT TTATGGAAAG
 322751 TGAATACCA AACCGGGCCA GGTGGTGTG AGCTGGGTGC AGCTGGGGCA
 322801 GCGAAGGAGC CATGTGACCT CATAGTCTGA GTGATCCTCA GAGACTGACT
 322851 CGCCAGGGAG TTTTGTGTGA CTGACTGACT CCACAGCTGG GAGCTTTGTG
 322901 TGACTTCCTC ACAGAGGAAG ATCACGTGAG ATGAGTGAGG GAGGCTCCTT
 322951 GTGGTGGCAG GACATGCCCT TGGCCTTGGA GGAAACAGGG AAATCATTCC
 323001 TTTGGAAC TG TTAAGAGGAA AATGTGAGAA TTCAGATCCT ACTCCATGGC
 323051 AGTTCTGAGG GTAATATTTT AGGGCCAAGG GAATGGGGCA CCTTTCCTGC
 323101 CCAAGTCAGA GAGAACCTTT GGTACCAGAG GCAGCCTTCA GGGAAAGGCT
 323151 AGGGTCCCAG CCTGAGTGA CCTCACTTGA GCTGTATGTG
 323201 TTCCCTCAT TCTGCCAGGA CACTGGTCAA AGCTGAAATA TTATTACTAT
 323251 TACAAGGTTT TAGCAGTGCC ACCTCCATCA AGATTTCCAT TTGTCTTCTC
 323301 GCTTCTCTTC TCATTGTTTA CAAATATTTT TTGACTTCTC TCTCTTCTTT
 323351 CAAACAGTGC CCTGCCCAT TATAATCAGA AGACAAATAA ACTTTGTGCA
 323401 AATCTCCCTG TTCCCTCATG AACTAGCCAG GCATAGAAGG GGCAACACCA
 323451 AGGGTGTGCC TATTGACTCA ATGCCATGTT TTGACCACTC TCAGGGCCGC
 323501 CCAGTGGGGC TTCCATAGCA TCACCTATCA TCTTGTGCC ACTTACTCCA
 323551 GAGCCTTCGC TGGCTCCCTA TTTCCACCT CACCAAGTCT GAGCACCTCT
 323601 GCCTGCTCGT TAGGTCTCGT GCCCTAGCCA GTCCTTTCAC AGCACCTGA
 323651 CACCCTACTC AGCCTGTCTC TTCCCGTGGG TCTGTTTACT CCCCTACCT
 323701 ACCCCAGGAC TTCTCCAAAG CAAAAAGCTA ATATGTTAAG GAAGGCAAGG
 323751 ACCATGTCAG ATATCTCCA GCATCTGACA CCGAGCATCC TCTCCAACCT
 323801 GAGACAGTTT ATAATCATT CAAAGTAGAG AATGCCAAGA AGACTGGCCT
 323851 GTGGGGGTTT ATCCAAATCT TGGATGCCTG AATCTTCTCC AGGAGGGTTG
 323901 CCCAAGGACT TAAGAAAAAG AGCGAGTGTC CAAGGCAGAG TCCAAGGAGT
 323951 GGTTCAGAG CAGCACATGC CAGGGGCTGT GTCTGCACAG GTTGAGTGGG
 324001 AAGAGGAAGA GGATAATGCG AAGGATGTAG AGGGAGGAGA CTGCCCCGGC
 324051 AGGCACTGCT CACATCAGCA GGGCGTCAGC AGCAAACTA CTGCTGCCCT
 324101 CTGCCACTC CTCCAGTCCC ACTTCTGCCC TGAGGGGCAT
 324151 CTGTCTTAGG ATCAAGAAGA AATGTCACAC TCCAACAATT GAAGGATAGT
 324201 GTTTTTAATG ACTTGACTCA CTCTAATTAG AGGAAGCAAC ACTTTGATTA
 324251 GCAGCAGTCT GACCTGGGAG CATGGACTTG TGAGAATTGC TCCTTATGAT
 324301 GTGCTTGAG TTCCAAATTT GCAGATGTC TCTCTGAGGT TGGGGTGGA
 324351 TCAGCGTGAG AGAAGGGACA GTGCTGGGCA GCCCCCTCC ACATCTGTGG
 324401 AGATAACATC TTGCCTTCTA CATGTGTCTC CTGGTCTTTG CCTGATATGG

324451 TTTGGTTCCA TGTCCCCACC CAAATCTCAT GTTGAATTGT AATTCTCAAT
324501 GCTGGGGGAG GGACCTGATG GGAGGTGATT GGATCATGGG ATCAAATTC
324551 CCCCTTGCCA CTCTCATGAT AGTGAGTTTC CACAAGATCT GATGTTTTCA
324601 AAGTGTGTAG CACTTCCGCC TTTGCTCTTT CTCTCCTGCT CTGCCATATT
324651 AAGACATGCT TGCTTCCCCT CTGCCTTCTG CCATGATTGT AAGTTTCCTG
324701 AGGCCTCCCA GCCATGCTTC CTGTACAGCC TGAGGAACTG TGAATCAACT
324751 AAATCTCTGT TCTTCATCAA TAACCCAGTC TCAGGTAGTT TTTTATAGCA
324801 GTGTGAGAAC AGACCAATAT ATTGCCCTAC ACCCATGCAG TGCTGTGAGC
324851 CAACAGCCCA CTGTCCAATT CCTCATAATG GTTCTATGA GCCACTGCCC
324901 CTGGCAAATG CACCTTATGG CCAAACATCT CCAGGGCCTG CTCTCAATTC
324951 TACCCCAAGC AGCACTAGAA TTTCTTACC CCTGGGGATC TGCTGCCCCA
325001 GGTCTGTATA GGAAGGAATG CCACCATGTG TCTGGCATT TTTGGGATGA
325051 ACAAGAAGGT GAGAGAGAGA AGTGGAAGC AGACTGTCCC CCTGGATCTG
325101 GACCATGTAA TAGACTCCTC ACCAGCTGTG TCTCTGTAT TGCTTTCTTT
325151 GTCACCTGCC AATGGACACA TCTTTCCAAG ACAGGGCCCA GGTCACGTGC
325201 CACCATTTGG ACAAGGGCCA GCCCCACCAG ATGGAGTCTC AAGGCACGGC
325251 ATGGCCCCGT TAGAGCCTTG GAGAACACTG CCACACACAC ACACACAGAC
325301 ACACACACAC ACACACACAC ACGCTAGGCT TAAAGGCCCA GAGGACCCCA
325351 GGAAGCGCAG CACACCTTTA GGATGCAAAC GGTCAGGAC ACCCAGTTTC
325401 TCCACCACCA CTCTTGAAAA TCTCTGTAC CAATGAGCAG CTCTCAGAGG
325451 TGAGCAGCAG GTTTCCCTTG TGCTTGGTGA GAAAAAATG GCATGTTTAC
325501 TTTGGTGGGG TACATCTCCT CCAGCCCAGG GCCCCAACCT TGTGCTAACA
325551 GACATTCCAT GCCCTCTGC TCCCAAATCA TTTCTCAGAA CTTAACAAGT
325601 GTTAATGGCT ATCTCTTTGG AAAGAGACAA GTGTGAGATG AGCATTGCAA
325651 GACTGTAGTA TTTGTTTAGA GAAAGTTGTC TTCCTGGGAA AGGGGCTTCT
325701 GCTCTTTGTG GTAACAAGGT CAGTACAGAC CCTTTCAGAG CGGTAGTTCA
325751 GGGCCTCAGA CAACTAGGGC AAGGGTGACA AACCCTGGT TCAATGGGGC
325801 TGAGCCCAGG TGAGGGTTCA GGGCAGTTCC CATTGACCAG ATGGAGTCAG
325851 CAGGCTTCAC TCATCTGTGA AGCAACTCAG GTCTCTGTTT AGGGTACACC
325901 AGAGCAGTCC CAGCCCCCAG GGCACGAAGA GGGGATGGCT GTCATTCCCA
325951 GAACGGAAGA CCTCTGCTCC CACCCACAGG AGCCACTGCT GCACCTCCAG
326001 CTCACCCCCA AGAAGAATCG TATGGGAGAA ATGATCCTGC TGCTAATGGG
326051 ATTAATAATGC ATTTTGAGTT TTCCAATTAC ATATTTCAAT TATTCCGTGA
326101 ATGTTAATTG GAACTCAACA ATGCAACTGT GAGCTGGCCA GAAACCAGAA
326151 CTGGTGGCTT CTCCCCCAA TGGCCACAGA TTTCTTACCC TGGAACATGC
326201 AAGGATTTAC CAGGAAGACT CCTCTGGGGC CCCAGTGTTT CAGGAATTC
326251 TACCACTGCC TGAGCATGTG GTTTGGTGCT CCTGGCCGTG TTCATGTGTG
326301 CCCACAGAAG GGCACATACT GTTTCCTCTG CTTGGAAGCC CCTCCTCAGG
326351 CCCTACCTTC CCATCTTCTG GGCAAACCTC TTTAAGACTC AGTTCAAGTG
326401 TCCCCTGCTC AGAGAGGCCCT TAAGGACACC ACAGATGCCC ACCAAGCATT
326451 TCCCATGTCT CTTCTCATCT GCCTCCCCTG GACTCACTCA TCCGCCATTC
326501 CCAAGAGCTT ACATGGGGCT TGGCACATCA TGAGTGCTCT ATGAATTCA
326551 GCTTCGGGGA AAACATAGGT GCTCAGATT CTGACCAGTT CCACCCACCT
326601 GATAGGCCAG GCTCTGGCCT GGTCTCTAGT CTGGGAGCCT AGAACCTTGG
326651 ATTTAGAGCC CAGGTTTGTG AACAACTCAT CTAGTGAAAT TTCAGCCACC
326701 AACTCCCCA GAAGTCCTGA CCCAAACCCC ATGACCTGCT CCTTTGAGAC
326751 CCAACCCATG CCCTGGAAAA GCCAAATCCT CCAAAATCTA TATCCCCTCT
326801 TCATGTCTCT GGGGCTGGGA CTGCCCTAGT CCAGAACAGG GGGCCTTGCC
326851 AGTGACAGCC CTCAACTGGT AGCTCAGGAG AAAAGAAAAC CCCTCCCTGG
326901 CCACTCCCTT TCCGTCTGCT TGTCCATCAC AGCCTTCCAC TTTTATTCTC
326951 TGGTTCCAGC TATTCAGCCC AAATCATAGA AGAGTCCTGG CCCAGGACTG
327001 CAGCAGCTTT TAGGGAGCTC AGCTTGGGAA TCCTGCAGAG CTGGGCAGAT
327051 TTACCTCTCT GAGTCTCAGT TTTCTCATCT GTACAATGGA AGTAATTGTA
327101 CAGAAACATT GTTCTGAGGG TTCAAGGAGA AAATGTGTGT AAAGGGCTTA
327151 GCAGAGTGCG AGGCAGGGTG CTCAGGGAAT GTCAGATTTT ATTACTGTTA
327201 TTATCTGCCT CTAAGTCCC ACCTATTCTA GAGATATTTT CTTAGGAAAA
327251 GGGTTTCAGG CAACAGTCAG CAGGGACCTT CTGAGGTCTC TGGACTCAAG
327301 ACCTTGAAGT GTCCCTCAAG GCCATTAATG CAGATCACAA ATACCAGGCC
327351 CAGGATTTGA GCTAAAGGAG AGAACCAGCT GGCTCAGGGC TCCAAGGAGG
327401 TTGGGCTGGT GGAAGGGGCA GGACAAAAGC AACTCCAGGG GGTGTCACG
327451 ACACAGGGAC CGGTGTGCAG GCTCACTGCT CACCCACCAA CTGTTTACCC
327501 AGCAGTTTCC ATGTGTGGGG CACTGGGCAG GCTGCTGGCA TTTAATGGTA
327551 AGCAAAGCCA GATGTGGTTC CTGCCCTTGG AGAACTTACA GTTCTAGGGA

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327601 GAAAGATAGG AAAACAGCGG CAGTCTACTC TAGATAGGGT AGTTATGGGT
327651 AGGGCACCTG TCTGAGGGAT AATGTAAAGG AAGAGACAGG GAGGTGAGAG
327701 GAACTAGCCA GATGTCCAGG AGACCTGGAG ACAGGGAGGC GCTTGCTGTA
327751 ATCAAGGGCT GGAGGCAGGC CAGCGTGGCT GGAATGTGGA GGGCCAGGGA
327801 AGCTGTAGGG GAGGCCATCA CAGAAGGAGG GTGGTCTTTA CTCTGTGTTT
327851 AGTGGCTACC CTGTGGCTCT GAGTGGGCTT TGGTTTTGGA GGATGTGTGT
327901 TCCCAGGCTC TTTGCTAAGC CCTGGCAAAA CACCAGGAGC AAGACCAGGC
327951 AGCTGAGGGG AGCCTCCAG TTGTGGTCAG TATCTTGAG ACCTGCTTTG
328001 GGGCTGGGGA CTTGGTGCTG CCACATTTTG AGAGCAGTTT TCAGAGCAGC
328051 TTGGGGATGA CTTTTATGCC TCATCTGCAC ACCCCTGGCC CAGTCCATGT
328101 CCCAATAGGC ATCAGTCTTG ACTGGGAATA ACTCAACTCA CAAATATTTA
328151 TGCCTGGGCT CTGAGGTGGC GAGCTCTGTG CTAAGTGCAG AGGGTCTGAG
328201 TGGGCCAACT GAGCCTGCAA CCTGCCATTT CAAGGTCTCT CCCCTCACCC
328251 CCTCCCATA CCCACCTGCC ACTTGCCACC TAAATCCTGT CCATGTAATG
328301 AGGCTGGGGT TGGCAATGAA ATGATTGGCC AGGGGTGAGA GCAGGTGGCC
328351 ACATTGAGGC CTAGAGGGTA CTAGAGGTTG ATTTGCTCCC TGAGTGCAAT
328401 AAGGACCTTC CATGGGTTTC CTAGGGCTGA TATGAGAGAT GATCAGATGG
328451 TGGCTTTAAA CCACGTAAAC GTGTGCTCTC ACCACTCAGG AGACCAGAAG
328501 CCAGAAATCA AGGTGCTGGC AGGATCACAC TCCCTTCAA GTCTCCAGGC
328551 CCTTGCTCT TCCACTTCTG GTGGCTCCTG GTATTCTTG GCTTGACGCA
328601 ATGTAAGTCC AGTGTCTGCC TCCATCTTCA CAGGGCCTCC TTCTTTGTCC
328651 CCCATGTCTT CTCTCGTCT CATAAGGACA CCAGTAAGCG GATTCAAGCC
328701 CACAGTAAAT CCAGGATGAT TTCATCTCAA GATCCTTAAG TAATTATATG
328751 TGCAAAGATC CTATTTTCCA ATCAGGTCAC ATTCTGAGGT TCTAATAGAC
328801 ATGAATTTGG TGAGGGGTTG GGGACACTAC TCAACCCACC ATAGGCCCCA
328851 AGGAGGATGC CCCTGCCACA TGACCCTGCC TCATGCCCTG ACGTGGGTCT
328901 CATAGGCCTA CCAGCCCTGT GGCCCTCCA CCCCACCTGA CCACTCCGAT
328951 CCTGTGGCTT CCACCCTCCC CGTGCTCACA TTCCCTTGG ACCATCCTAG
329001 GAGATGTGTG CACGTGGCCA ACCCAGACTC AGCCTGCATC TCCTTGCCAG
329051 GCTCCTGGGC CCCACCTGTT GGCAACAGTC TAAGGCAGCA TTCCTAAACA
329101 TTTTGGACAC CAGGACTGG TTTCTGGAA GACCGTTTTT CCACAGACTG
329151 GGAGTGGGGG AGCAGAACAG AGATGGTTTC GGACAAAAC GTTCAGCCTC
329201 AGATCATCAG GCATTAGATT CTCATAAGGA GCACATTACC TAAATCCCCC
329251 ACATGCACAG TTCGCTATAG GGTGTGTGCT CCTTTGAGAA TCTAACGCTG
329301 CTGCTGATCT GACAGGAGGC AGAACTCAGT GCGCGCCGCT CACCTCCTGC
329351 TGTGCAGCCC GGCTCCTAAC AGGCCATGGA CCATCCACGG CCTAGAGATT
329401 GGGAAACCCCT GGTCTAGGGC ACTAGGAGTA CAGAGAACAC ACAGTCAGTT
329451 CTAAAGAACT TCTCTATAGA AACTGACATT CTTTTGCAGG AACCCCAGC
329501 TTCACAGCAG CATTTGAGTT GCAACCACAC AGTATAAGCC TGCTGGCCAG
329551 GGCTGGCAAG TTGCTGGGGC CTCCCAGTGC AGGGCGGGCA AAACACATGT
329601 GCAGCTACAT CTTAGCTAC TCAGGCCAG GAAGGCTGTT ACTACCCTGT
329651 ATACCTGAGG CTACCTTGCC ATCTGGGCTT TAGTTGATTC GTCTGTGGGA
329701 GGAGCAGGGG ATCAGATTGT CTTGAAGGGC TCATGCCTGC CTAATATCTT
329751 GGTCTGGAGC AAGAAATGCC CCTGCATAGC TGTGAGGAA CGGCTGGCGT
329801 TTTCTAGATG GCAGTGGCCT GCAGACCTAT TGGAACCCCT TCTAGGGAGG
329851 AACATGTCCC TCTGAGCTCA GCTCCTAGGG TCCAGTGCTC CACTGAGGTC
329901 TTCCTTGAC CTCTCATGTC CGCCAAGAGG TTTCTGATG CCACCTCACC
329951 TGGTATGGCC TTCTGGGACA GGCAGGAGAC CAGGTCTGAG CTCCCTTAGA
330001 CTGTGTTGCA GGGAAAAAGT CATCACTAAG ACACACCCAA CTCCTGAGAG
330051 AACAGGAAGC ATACGCTGGT ATCAGCCCTG ACAGAACGTG GGAAAGAAAG
330101 TTCCAGCACA GACAGAGCCC TGCTGGGAGC TGGGACTCCT GAAAATGGAA
330151 GGGCTCTCCA TGTGGCTGGA GGACAAGTAG GATTTGGGAA CACAAGCCAA
330201 GACTGCAGCC GAGGTGTGGC AGAGGGCCTG GGGAGCTGAG AGAGTTACAC
330251 AGGGCTTCAC AAGACCCCTT TGCTCCAAAC AGACATGCCA CATGGAACCC
330301 CAGAGCTCTA GGGAGACAGG CCTCTGGACA GGATGCCTAG CCCTCCTATA
330351 GACTGGCCGT TCTTGACGCC AGTCATGGGA CCTCTCTGCT TCTGAATGTC
330401 ACTGTGTCAG CCCAGCAGCC CTTTGTACAG GCCATGAGAC CAGTCACCTC
330451 TGATGTGCTG GGGGTGATCC TGGGGGCACC CATGCAAATC TTTTAAGGTT
330501 CCTGGGGTTA GTTTTCCAC CTGTGAATTA GGCTCACCCCT CCTGCTATTG
330551 TGGTGAGGGC CGCATGTTCC AGGCCACGGG ACTGAGCTCA GAAGAGCACA
330601 CGGCTCTGGT CACAAGAATG GGCAGAGGGT GATGAAATCC CTTGTGCGGT
330651 GGCGTCTTTG CTATGAGGCC CCCACCTACT CCGGACTGGC TGTTCTTTAT
330701 CTTTGGCTTC ACATCAGCAC CAAGTGTCCT TGGCATGAAC CCCCCAAAAC

330751 AGTTCAGAAG AGGGCTTCCT CCTACATCAT GCCGGTGGGG GAAGAAAGCC
330801 CAGGGCCCCA GGATCCCCCA GAGTCAGCCC CACTCGTGAG GCTGCTTTAT
330851 CCAGAGCATC AGGGGCCACC CCAAGGGGCA AGTCAGGTCT AGGAGGGCCC
330901 CAGCCTTCCT GCAGGCTCCT CCCAGGACTT GCCCAGGGGC AGAGAGAAGG
330951 AAGCTGATGG GGAATAGCAA TACATTCTTT CCTCTGTAAA GATTCTATTT
331001 GCTGTTTAGC CCTATGTTTT CTATGATAAT ATTTCAGTTA TTTTTTAGAT
331051 AGTAAGTGGA GTGCAGCATA CATAGAAAAG TGCACAGCTC AATGAAGCAG
331101 ACAAGAGCAT GCTGTGCAAC CACTGTCCCC ATAAGAAATA CAGTGCCGCC
331151 AGCACCTCAG ACGCCTCCT TCCTGCCTGC ACCCAATCCC CATACCCGTC
331201 CTCCTACCTG ACACAATTAT CATCCCACTT TTCTTTTCTT TTTTTTTTTT
331251 GAGACCGAGT CTGTCTCTGT TGCCAGTCT GGAGTGCAAT GGCACAATCT
331301 CGGCTCACTG ACGCCTCTGC CTCTCAGGTT CAAGCAATTC TGCCTAAGCC
331351 TCCCAAGTAG CTGGGATTAC AGGGGCACAC CGCCACACCC AGCTAATTTA
331401 TTTTTTCATT TTTAGTAGAG ACAGGGTTTC ACCATGTTGG CCAGGCTGAT
331451 TTCAAACCTC CGACCTCAGG TGATCCACCC GCCTTGCCCT CCCAAAGTGC
331501 TGGAAATTACA GGAGTGAGCC ACCGCGCCCC GCCTATTACC CTGTCTTTCT
331551 AATATCACAG AGTAATTTTG CCTATGTTTG AACTTTGTAT CAACGGACTC
331601 ATACAGAATG ATCTCTGTGT GCCTGGCTGC TGCTTCAAA CTATGTCTGT
331651 GAGATTGTC TATTGTCACT TCATTTATAG CAGGAGTTTG TTCTTTTCA
331701 TTGATGATAA TATTCTGTTG TAAGAATATG CCACCTGGGT TGATGTACCA
331751 GCTTGTTTCC AGTTTGGGAA AATTATAAAT AATGGTCCTA TGAATGTTCT
331801 TGTGCAAGCC TTTGGTATGC ATCTCTGTCA GAAATCTATC TCTTCGCATC
331851 AAATTGCTGG TGGAGAATAT GCACAGAGTA ACAAGATATT GATGCCTGGT
331901 TTTAAACATG CTCCTGTTAT AAGAGTAGAC ACTTAACCAT GGTGGGGAGT
331951 GGGGAGGGAT GGCCTTTGGC CCCAAGGTAC CCATTCAGGG CCAGCTTGGG
332001 ACACAGTCTT GAGGGGTCAT TATTATTTCC CCCACCATGG CCTTGAGACC
332051 CTGGGTGTTT CTACAGGGCC CTCCCTGCC TGGGTCAGG GACACTTTTC
332101 AAGAATTTGC CATAAGGCTA AGGGCTCCCT GGGCCAAGAC AAAGGAATGT
332151 AGGGCAGCAG CCAGGAGGGA GGCCAGGGCG GGACAGACCT TCCGGGGCCC
332201 TGCCATCCCC AGCCTGTAGA CAGCCACCTG CTCAGAGGAG CCACCTACGC
332251 GTGCCCTCCC TCTCCACTGG GGTCCAGCAT CACAGGCCCC AAGCAAGCCA
332301 GGACGCTCCC GCTGCGAGCC AGCTGAAGAC AGGGTTGTGA GCACCCTCTA
332351 TGGCTTCCAC CCTGGGGGAC AAGAGATGTA TTTCCCTCCT TAAGGAAGGT
332401 GCAGACCCCA CTTAGAGGGG AAACATTGTG ATTGCTCTCT GTTGAATTGA
332451 GTTATATTTA GTATAATGTT ACTTAAATAT GTACAAACAT AAAACCAGGT
332501 ACACGTTCCCT TATGCAGGGA GCTCTCTCAC AGCCATAAAG CTAAAACAAA
332551 TTTATAAATG AAATAAAAGC AAAGTCAAA ACCAATAAAC TTCAAATTAA
332601 CAACATTAAT TTAATGGGAC AAAGTGTAT TGTTTTCTCG AAATAAATC
332651 AGCGCTCACG GCTGACTCTG GGGCAGGCTG CTGTTGTTCT CCAGGGTTTT
332701 CTGCTACCTT GCCGTGTGCT GCATGATGAC TCAGCTCTCC CACCGCTTCT
332751 TTCTCCATTC AGACCACTTC GAAACCTTCA TTCCCACAGT CTCCTTAGCT
332801 CTTTAAGCCT TGCTTTGCTC ATCTGTAAAA TGGAGAGGGT ATTCGTATGT
332851 ATTTTGTTAC GAGAATTAAA CCAGTTGATG CAATGCAGCC TTCTGGCTTG
332901 AGACATGTGT AGTCACACAG GGTCCACAC TCAGAAGGGG CCCATGCTTG
332951 CTTTAATGCT CTGCTGTGCA CATCTTGAAA TTCCTTTTTT TTTTTTTTTT
333001 TAAGACAGAG TTTTCTCTT GTTGCCCAAG CTAGAGTGCA GTGGCACGAT
333051 CTCGGCACCC TGGAACCACC ACCTTCCGGG TTCAAGCGAT TCTTCTGCCT
333101 CAGCCTCCCA AGTAGATGGG ACTACAGGCA CCCGCCACCA CGCCTGGCTA
333151 ATTTCTGTAT TTTTAATACA GACAGGGTTT CACCATGTTA GTCAGGCTGG
333201 TCTCGAATC CTGACCTCAG ATGATCTGCC TGTCTCGGCC TCCCAAAGTG
333251 CTGGGATTAT AGGCATGAG CACTGTGCCT GGCCACATT TGAACCTCAT
333301 AACAGAGTTT CCCTCCGTCA CCGAGGCTGG AGTACAGTGG TGCAATCTCA
333351 GCTCATTGCA ACCTCCACTT CATGGGTTCA AGTGATTCTC CTGCCTCAGC
333401 CTCCCGAATA GCTGTGATTA CAAGCGTGCA CCACCAAGCC CAGCTAATT
333451 TTTTGTATTT TTAGTAGAGA CAGGGTTTCA CCATGTTGGC CAGGCTGGTC
333501 TCAAACCTCT AACCTCAAGT GATCCACCCG CCTCGGCTC CCAAAGTGCT
333551 GGGATTACAG ACATGAGCCA CTGTGCCCAG CCTAAATTCT TATAATTTTT
333601 TAAACAAAGG GAAGTGCATT TTTATATTAC ACAAGGCCCT GTAAATTATG
333651 TAGCAGGTCC TATGCATAGG ACAAAGTCAG GTATACAGTT GGCACCCAAT
333701 AACTGTTAGC AGCTATTACT GGTACCTTGT CCTGGTTACT AAGTACAGAT
333751 TCTTTGTGAT GTTTTCTCT GATGACAGTT TTATCTTCCC ATTATTTAAT
333801 AGGGGTGGAG AGGCCACCTC ATGTGTGTAA TTGTATTTGA CTAATCTTGT
333851 GAGTTAGATG TGTGCTTTGG AGCGAGGACT GCTGTGTTGA CGGAAGGATT

333901 AGCTTTCTGG GTCACGTGGG CGGTCTGAGC ACACCACCCC ACCAAAGCCC
333951 TCTCACTCGG GACCAGCCCC TAGGCTTCAG ACCTGTGTCT CTAGGCTGA
334001 CATTCCAATG GGGTCAGGCA GAATACTGCT GTCTTCTTGA AACCTCTTAA
334051 ATAGGTGGCC AGAGTTTAAG TAAGTTAACA GGTATGAAG TTGAAGACAC
334101 TTGAATGGAT GAGAAGCTCA GACAGAGTTG CTAATTTAAT TTCCCTTTTT
334151 TATTGCTGTT CTCCTAAAAA AAAAAAAAAA AAAAAAAAAA AAAAGCTCAG
334201 ATTGCCCTTT TTCTGAGAAT GAGATATTAA TAAGCACAGC ATTTTGCAAA
334251 AGTAGAGAAG GGCATTAAAG TTTTGCAAGG TCTCTCTATT TGTCCTCTAC
334301 TTCTCAAGGC TCTCTGCTG GCCCAAATAG GACACAGGCT GAGGGGATTA
334351 ACTGCTTAA GTTCAGGAAA TGGGAACCAC CTTGGCTGCT GTCACCAGAC
334401 TCAAGTATTA AATAACATCC CTGCCCTGCC AGAGGACATC TGTGCAAGCA
334451 ACTCCATCAG CCCACGCCAC CGCCCTGGCC ATGTTGAGAG TTGCCAAAG
334501 AAAAAAGAAC ACTTGGGCCT CAAAGTGCAG GCATTAATAT CCTAAGTGTC
334551 TCATCATGGA AGACTTTGTT CCCCAAGGAG AGTAAATCTT TCCTTGTTGG
334601 ATGCAGCAGG CTAAGGACCA AGCTGACTCT CTGAGCTCAG TAATCAGGCT
334651 AGTCTCTGCT TGGAGGCACA GAAGGGAAGT CCGCTGTGTG TCAGCACCTC
334701 CTGCATGCCC TGACTCATGC TTGGGGGAAG GACGGTGGAG TGAGAGGCAG
334751 ATATGGACCC TCCCTGGGCA GAGCTCCCTG TTATCCCTGG AGTGGGTTAC
334801 TCCTTCCGCT GCCTGCAAAAC GTAGGTTTCC CTTAGCTAC GCAAAGGCCT
334851 GTGAACACAG ATACGTGGTC ACAAGCATCT TTGCAGCTGT TTCTTTCCAC
334901 CAGCTGGGG CCTCTGGGT TCCTGAAACC TCAGGGTAAG TCAAGCCTCA
334951 GAGGTCATCA GTAGCCAGTA TCCACTGTTT GCACCCCTT GGGAGAAGCT
335001 CGAAGAACAG GGCTGCCAAC TTCTTCAGTA AGATCCCCCA GGTAACCTTG
335051 ACCCAAGTA GCTCCCTCCT CCATTAAGAG GAGCCACAGG CCCAGGTAAG
335101 CCACAGCCAC AGGCCACACA GGGCCCCAGG CTGGAGGACT CTAGAGCTAA
335151 GTCTCCAACA TGGCTATGTT ACAAGTCCTA GGTATGTGTG GCTGCTGAGC
335201 ACCTGAAATT AGGCTAGTCC AAATTGAGAT GTAAGTATAA AATACACATT
335251 AGATTTTAAA GCCTTCTGTG GAAAAAGAAG GTAAATATCT CATTAACTAA
335301 TTTTACATT GATTTTATGT TAAAAGAGTA GTTTAGATAT TATTAAATTA
335351 CTATCAGCTG TTTCTTCTTT TTACTTGGCT ACAAGAAATG TAAATCAGAT
335401 ATGTGGCTTG CATTGCCATA CCATTGGACA GCACTTCCCT GGAGAGAACA
335451 GAGGAAATAT CACAAGAGTC AACCAGGAAG GTCAGAACTG TGACAAGGGA
335501 CTAACCTCTC CCTATGCCCA GCGCTGGCCC CCAGCACATG CAACTCTGGC
335551 CCTTGATGGC CCAATCCGTC CTGCTCCTGC AGGGGATGGC AAACCCTGGC
335601 AAGAAGCTCC CAGAAGGGGA ACTGAAGGGC TGTTCTATGA CAAATATTAT
335651 CAGCATCAGA AAGTCAAAC TGGGTTTCAGG GGCCACCTGA GAATTACAAG
335701 TCCTAACAGA TGGCCCAAGT TTTTCATCTT TCTTCTGAGT TTTAGTACAA
335751 AATCCAGAGA AACAGTTATA GATCTGTTGC CACATCAATG CCTACAAACA
335801 TTCACCACTC GCGATGCTGC CTTTAGTGCT AATGCAGCGC ACTCATTTAC
335851 AGACTAATAA AATCGGAAGA GTTATTATTC CTTTAAAATG CAGACATATC
335901 TGGGGTATCC ACTTAATGAC GCATATGGAA TAAATTACTT TTGGATGACA
335951 CTTTTTAATT GAACTGAAC TAAAGCTTAG TAATATGTTG CAATAAGAAG
336001 AATATTAGGA TGATTAAGG ATCTAAAAAC TCTTGCGAAA TTAAATGATT
336051 AAACATAATG CTGAGTAAAT GAACAAGCCC GTGTATATTA ATCAGTTGTG
336101 GGCCTCCAGA AGCCGTCGTG TAACTAAATG CACGTCACGG CGCTGCACGC
336151 GCGTGCCTCC TCTCTCCCTC CACGCCGGCT TTCCATCATG CCCTCCTTAC
336201 CACCACGCTG GGCAAAC TGTTCACACA GACAAACAAT GCGTTAAGAA
336251 TGCAGTGAGT GTAAGTGTTA CAAGAGCTAT TGCTTCTTGG CAAACACTCA
336301 TTCCTTTGGT TGTTGGCTTC AAGAAATGGC CGTGTCATTA ATTTTCAGTC
336351 CCTGTTTTTA ACTGAAATGA AACTTTAAGG TGCAAAAATT AATAGAATTC
336401 TGGCTTCCCT TCTGATTGTA GGAATTGACA TTCCTGGTAC ATTCCCTTGG
336451 TTGGGATGTC TCCTGTTTCC CATTAAAGCCA CTCACCTCAC TGTGTTTTAA
336501 TTTCCCTGGA ACTGTTGCGT ACCATGAGTC GCTCTTAGGA AGCTGGGGGT
336551 GAGAAAGTCA TGTTGGGAGA AAGTGTCGAT TCCAAAGCCC CCCGGTCAAA
336601 GCTGGCTGCT CTTTCAAGGTG GAGGAGGAAA AGCAGCTCTG TTGAGGTCCC
336651 AGGAGGGCAT CCCCTGCATC CCTCCCTCCC TCTGCCACTG GCCATGCCAC
336701 CCAGCACCGT GCAGTGCCT TTTGTATGAC CTAGAAAAC TATTAACTTC
336751 CTTATGCAGT TATCCCTCCG CCGTCTCAGA GATAACCCAG GTAATTCTT
336801 TTCTGATTGT ATAAATCTTT CATAACCAAG TCACAGTCAT AATTAGTTAC
336851 ATAAAAATTC AGGTTACGAC TTAGGCTGTT ATTAGGAACA TGAAAAACAG
336901 TGAAAAGTTT TGTCTCACTC ACTCTCTAAT AAAAATCTC AAGGTCTCTG
336951 TTAGTGAGAA CAGAAGGGAC TTGGTATCTC ATTAAGGCTA AAATCAATT
337001 CAGAACAGAA TCTCACTAGC TGGGCTTGAT GCTGGGGCGG TGGGGGGCAG

337051 GAAAGGCTAG CCACTCCTGG CAAGAAGTTT AAAGCAGGTC TGTGCTCTCC
337101 ACACCTGTGA TGTGTCGTGG CCTTCCCTCG GCTGGGCTGA GAATCTGTGC
337151 TTCCAAAACC AATGCCACAA GAAGCCCAGC AGAGGCATCT TCTCAAATGA
337201 AAATATATTC CCCAAACCAA AGTGTGATC AAACCCATCT TGCAGCACAT
337251 CACACTGGAA AATAACACAG TGGAAATCCA TTAAGCCGAT GGCTCCTAAA
337301 GAACAAGTCA GCTTTCTGAA AAGTCCCAGA TAAAGCACTA CAATTGTCTC
337351 AATGGCTTAA TGTAATCACC TACCAGGGGC ACTAGATTCA TCTTCCCCAA
337401 TTGGGCAAAT TAAGAGCCAT CGAAAGGAAT CACATTCCCA CAGTTACCCA
337451 GGAGACTGAG AGGGCCCTTC AAGACGGGCA AGCAGAGCCT CTTCTGTCTG
337501 CAGCCACTTC CCTCCATCTG GCCCAACTCA GGCTTGGAA GAGAGCTCAG
337551 GAAGTAGCTC TAACTGAAGT CCAACTTACA ATGGAACCTC AGAGAGCCAA
337601 GTGTTTGAGT TCCAAGGATG GAGGTAAAGT TTTTCAAAGG CTCCAGTCC
337651 TGAAGACTGA GGCCCATTTG GAGTTATTAA ACTCGTCCTT TCCAGATGGC
337701 ACAGCGGATT ATGACTATGC AACCTTAGAC CCAGCAATTG GAGTAGTTCT
337751 GGGCTTTGGA TAATGTGGGG GTTATCATAC AAGCTATGGG GCAGGAGAGC
337801 ATAGAGTAGG GGTGACCTGC CCTTTACAAA ATCCCAGTCC CCGCATTTGT
337851 ATCTGAAATG CAAGAGTCAG ACCCTCACCT CAGCAGATCT CATTCCTCAC
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337951 AGCCACAGGA CTGACCCAAC AAGGAGAGAA GCAATCAGGA CTTTGTCTATC
338001 AGAGGAGGCG GACTGCCCCC ACGTCCTATC AAATTTAGTC CGGAATGTAT
338051 TTTGCCATTA TTGTAACAT GGCCTTCAGC TGCCACGCCG TTTCAGGAAC
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338151 CCCAGTGCCC CTTGACAGAG AGAGAATAAT AGCATAATGC AACAGAACAT
338201 TTTTGAATCG CTAATACACG CTCTCCGCAA CTTAATTTTA TTTTTTCTT
338251 ATTGGCTTTT TTATATGACA TTTCACAGTC CTGTAGCCTC AATAGCTAGA
338301 TCTGCATCGT AAAAAATGACA ACACGGTGAT TTAAGGAGGA GAGTCCATCA
338351 GAGCGAAATG GGTGGTGTGC TTTTAAAGTA TCAGTTTAGC ACCTCTTACC
338401 TGGGATCAAT GTTCATTCTC AATACATCAT TAAAGCATCC TGTTAAATCA
338451 CTTGGAGAGT GGTGTGTGCTC TTCTTATGCA GCCCCAGGTT TGATTATGGA
338501 GATAATGAAG TGGAACCCTG CAGGAAGGGC CATGTTAGGC ACACGTACTT
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338601 AGAGGAAGAG AGAGAGAGAG AAGCAGAGCA GGTGCGTGGG CATGGAGGCT
338651 TCCATCGGAA CTGGATAGGC AGCAACAGAT GCCGTCAAAT TTGAGACCTC
338701 CTCTCTAAGC TTTACAAGCA CAGTGTTTAC CAAACCCATA TTCATAAGGG
338751 TCCGAGCTGC AGTGAAGTCT GCAGTCAGCA TGTAAGATGA GAGAGACACA
338801 CTGATGGGAC TGGTAGAACT TTCCAGACCC CAACCAAAGT GAGCTCAAAG
338851 GCAAACAGGA TTAACAGGTC CAGCACCCCT TACATGGAGC AGACAAAGGA
338901 CCAGACAAGG GACCATCTCT AGTGAGGGCT TGGGCCAGAG CATTGGGCTG
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339001 TTCAAGTCCA GCTGCCTGTA TGTGGCCATC GTTAGACCCT GAGACACGGA
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339101 ATACATGCTA ATTGTACACT ACTGCACATA AGAAGTTGAA AGATAACCCC
339151 TCCCAAATCC CACTGCTCTC TTATCCCCCG TCTCACGCCT CATGGATAAA
339201 TTCCACTGGC AATTGTCTTG GACCCACACA GGCTTTCTCT CCTGCATGTA
339251 CAAACACCAC ACAGGTATTT TTGTGACCTG GGATCAGACT CCACACATTG
339301 TTTTGCAACT TGCTTTTCTC ATTTAAAACC ATTTTCAAGT AGTACAAATA
339351 GATTTGCCTG GCTCTTTCTT TTTTTTTTTT TTTTTTTTTT AGATGGAGTC
339401 TCGCTCCATC GCCCAGGCTG GAGTGGTGCA GTGGCACGAT CTCAGCTCAC
339451 TGCAAGCTCC GCCTCCCGGG TTCACGCCAT TCTCCTACCT CAGCCTCCCG
339501 AGTAGCTGGG ACTACAGGCG CCCGCCACCA TGCCCGGCTA ATTTTTTTGT
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339601 TCCTGACCTG GTGATCTACC CACCTCGGCC TCCCAAAATA CTGGGATTAC
339651 AGGCACGAGC CACCGCGCCC AGCCTGCCTG GCTCTTTCAA ATTCTATTTG
339701 AAACCAAAAC ATAATAACCA ATCCCCTGAT GATGGATATT CAGGTTGTTC
339751 TTAGTTTTTC ACTAGATAAT ACTGCAATTG GCGTCGTTGG TCACAGATAT
339801 CTTTGCACAT CTGTGCAAGT ATACCATCGG ATACCTTCAC TAGAGGCTTC
339851 CTGACAATC TTCCAAAAGT GACTGGCTCT TGTCTCCATG TTTTATGGTT
339901 TCCAAAAGTTA GGAAAAAATA TGAAACAGCT CACTCCCTCC TCCCTGTCTC
339951 AGGATGAGCA GGAAGGCAGG TGAGGTTTGC ACTTGGACCA TGCTCTGCA
340001 GAAGCCGGGC TACCAAGACA AATGAGCCGG GCCTCCACCA CCTCCCATTT
340051 GACCTGCAAA GTCCTCAGAA CTCCCAGGA CTCCTCAGTC ACCCAGGAAC
340101 TCAAATGTGC ATTAGCCAG CTTTTCAAAC AACACCCATG TAGGGGGGTA
340151 GTGACTTGTC TCACTCAAAG TAGGGGACAG CACACAGGCC AGGGAGGAAT

340201 TGGAGCCCTG GGAGTCAGCA TAGAATTCTC CATCATGTGG TGTGGGAAGG
 340251 CACAGACCAA AGTTGACCGG ACCCAAAGTG TTCTGTGCTG TAAACTGATG
 340301 ACCTGGGAGC TTGGGCGACA ATAGATGAAG CTCCCAGGAA GGGGAATCTA
 340351 GCCTCCGCTC TTGGTGAAGA CAGTGCTCAT GCTAAAGCCT GTTGAAGTGGG
 340401 TTTATCAGTT CTGTTCTGAT TACCTGATGT CTCTGGCTCC TTGATTTTC (SEQ ID NO:3)

FEATURES:

Genewise results:

Start: 10518
 Exon: 10518-10643
 Exon: 41341-41374
 Exon: 207620-207868
 Exon: 291903-292096
 Exon: 295781-295909
 Stop:

Sim4 results:

Exon: 2001-2175, (Transcript Position: 1-175)
 Exon: 10508-10643, (Transcript Position: 176-311)
 Exon: 41341-41374, (Transcript Position: 312-345)
 Exon: 207620-207868, (Transcript Position: 346-594)
 Exon: 291903-292096, (Transcript Position: 595-788)
 Exon: 295781-295904, (Transcript Position: 789-912)
 Exon: 337911-338449, (Transcript Position: 913-1451)

CHROMOSOME MAP POSITION:

Chromosome 5

ALLELIC VARIANTS (SNPs):

DNA

Position	Major	Minor	Domain
1107	C	T	Intron
5479	C	G	Intron
5480	A	G	Intron
6100	C	T	Intron
6122	G	A	Intron
6883	A	G	Intron
7641	C	G	Intron
8493	C	T	Intron
9626	T	A	Intron
9627	T	-	Intron
9796	C	A	Intron
9868	G	A	Intron
10209	T	C	Intron
10311	T	G	Intron
10831	C	T	Intron
12230	C	T	Intron
13378	C	T	Intron
13423	G	-T	Intron
13425	G	- C	Intron
14070	C	-	Intron
14116	A	G	Intron
14508	C	T	Intron
14645	A	C	Intron
14932	G	A	Intron
16272	C	G	Intron
16945	C	T	Intron
17065	A	G	Intron
17442	A	G	Intron
17475	C	G	Intron

17844	A	C	Intron
17929	A	G	Intron
18283	C	-	Intron
18540	C	G	Intron
18592	C	T	Intron
18616	A	G	Intron
20491	C	T	Intron
22023	A	G	Intron
22248	A	G	Intron
23118	G	C	Intron
23789	C	A	Intron
23800	T	A	Intron
23930	T	A	Intron
24159	T	G	Intron
26339	G	A	Intron
26508	T	G	Intron
26570	T	A	Intron
26582	A	G	Intron
26693	G	A	Intron
26884	C	T	Intron
27320	C	T	Intron
27339	A	T	Intron
27542	G	A	Intron
28586	A	C	Intron
28591	C	T	Intron
28599	G	A	Intron
30857	A	G	Intron
31503	A	T	Intron
33107	T	-	Intron
33671	A	G	Intron
35045	C	T	Intron
35944	G	T	Intron
37157	G	A	Intron
37603	A	T	Intron
39242	C	G	Intron
39404	A	C	Intron
40395	C	G	Intron
42294	G	T	Intron
43354	A	G	Intron
43522	A	G	Intron
44875	C	A	Intron
45677	A	G	Intron
46024	A	G	Intron
49591	C	T	Intron
49822	A	G	Intron
50057	G	A	Intron
50523	G	A	Intron
51537	C	T	Intron
52702	C	-	Intron
53996	T	C	Intron
56613	A	C	Intron
58383	G	A	Intron
58512	A	G	Intron
59951	G	A	Intron
63246	T	C	Intron
63904	A	G	Intron
65698	T	A	Intron
66118	A	G	Intron
66158	A	G	Intron
66604	G	A	Intron
67766	C	T	Intron
67863	A	G	Intron
69511	C	T	Intron

69538	A	G	Intron
69782	C	T	Intron
70895	T	A C	Intron
71575	C	T	Intron
72112	C	T	Intron
72665	A	G	Intron
72798	A	T	Intron
73738	A	G	Intron
81059	G	-	Intron
81061	T	- G	Intron
81328	A	C	Intron
81617	A	G	Intron
81788	G	C	Intron
81882	C	T	Intron
82932	G	A	Intron
84585	A	G	Intron
85092	T	-	Intron
85096	C	-	Intron
85100	T	-	Intron
85318	C	T	Intron
85467	C	T	Intron
85488	C	T	Intron
87268	A	G	Intron
89813	G	C	Intron
91487	T	-	Intron
92081	A	G	Intron
92888	A	T	Intron
93194	G	T	Intron
94938	C	T	Intron
95367	C	T	Intron
95495	C	T	Intron
95755	A	- G	Intron
97031	C	T	Intron
97176	A	G	Intron
97768	C	T	Intron
98400	C	T	Intron
99782	A	G	Intron
104080	C	T	Intron
104087	G	C	Intron
105134	C	T	Intron
105911	T	C	Intron
105944	C	T	Intron
105970	A	G	Intron
106134	G	A C	Intron
106148	C	T	Intron
107058	A	G	Intron
107310	T	-	Intron
108283	A	G	Intron
109168	G	- T	Intron
110938	A	G	Intron
111713	G	A	Intron
113984	T	C	Intron
115302	G	T	Intron
115352	G	T	Intron
115804	C	G	Intron
115862	A	C	Intron
118203	A	-	Intron
124933	C	T	Intron
126402	C	T	Intron
127387	T	A	Intron
128453	G	A	Intron
128584	T	C	Intron
128680	A	-	Intron

129116	A	G	Intron
129549	A	C	Intron
129820	A	T	Intron
129934	A	G	Intron
132304	A	G	Intron
133008	A	G	Intron
133347	A	G	Intron
133374	T	C	Intron
133636	A	G	Intron
134315	A	G	Intron
136612	A	G	Intron
136839	C	T	Intron
136964	A	G	Intron
137136	C	T	Intron
139365	C	A	Intron
141321	C	-	Intron
141736	A	- T	Intron
142173	A	G	Intron
142337	G	T A	Intron
142788	C	T	Intron
146349	G	T	Intron
147030	G	T	Intron
147884	A	G	Intron
148673	T	C	Intron
149048	A	T	Intron
151229	A	G	Intron
151848	A	T	Intron
152415	A	G	Intron
152539	C	G	Intron
153191	A	G	Intron
153232	A	T	Intron
153817	A	T	Intron
156544	T	C	Intron
156579	A	G	Intron
157391	A	C	Intron
158718	A	G	Intron
160186	A	G	Intron
161108	G	T	Intron
162060	C	G	Intron
165993	A	T	Intron
166679	C	T	Intron
167136	T	A	Intron
173782	T	- A	Intron
176290	T	C	Intron
181889	A	G	Intron
182606	C	T	Intron
184663	C	T	Intron
185392	C	T	Intron
186612	T	C	Intron
187014	C	T	Intron
187090	G	-	Intron
187290	C	G	Intron
187862	T	C	Intron
187937	G	A	Intron
188286	C	T	Intron
188478	G	A	Intron
189156	A	G	Intron
189488	T	C G	Intron
189909	A	G	Intron
189910	T	G	Intron
194673	T	A	Intron
194808	T	C	Intron
194884	A	G	Intron

195290	A	-	Intron
195939	C	G	Intron
196291	A	C	Intron
196533	A	C	Intron
197176	A	G	Intron
199693	A	T	Intron
199734	G	A	Intron
201371	T	A	Intron
201433	T	C	Intron
201848	A	G	Intron
202730	G	A	Intron
204904	G	A	Intron
205171	G	A	Intron
205991	T	G	Intron
206052	C	G	Intron
207237	C	T	Intron
208791	C	G	Intron
208799	C	G	Intron
209076	C	T	Intron
209143	A	G	Intron
209185	C	G	Intron
209499	C	G	Intron
209614	G	T	Intron
209708	C	G	Intron
210292	A	T	Intron
212286	A	C	Intron
212767	T	C	Intron
212809	G	A	Intron
213100	G	A	Intron
215017	A	G	Intron
215021	C	T	Intron
215180	C	T	Intron
215370	A	G	Intron
215412	G	-	Intron
216552	C	T	Intron
217007	A	G	Intron
217549	A	T	Intron
217567	A	G	Intron
218100	G	T	Intron
219737	A	G	Intron
220681	C	T	Intron
221225	C	T	Intron
221960	A	C	Intron
222673	A	C	Intron
223053	T	C	Intron
223881	A	T	Intron
224236	G	T	Intron
224238	A	G	Intron
225653	T	C	Intron
226563	G	T	Intron
227365	G	T	Intron
228457	G	A	Intron
228488	A	G	Intron
228531	A	G	Intron
228665	A	C	Intron
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236317	A	-	Intron
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236325	G	-	Intron
236345	G	C	Intron
236534	C	G	Intron

238076	A	G	Intron
239545	G	A	Intron
247765	A	G	Intron
250858	T	G	Intron
251536	A	G	Intron
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252647	T	C	Intron
252649	G	A	Intron
252783	G	A	Intron
253875	A	G	Intron
254076	T	C	Intron
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261462	G	A	Intron
262167	G	T	Intron
263806	A	C	Intron
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267127	T	C	Intron
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269021	T	G	Intron
269429	C	A	Intron
269739	A	G	Intron
271247	G	-	Intron
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274065	G	A	Intron
276592	G	T	Intron
276628	C	T	Intron
279257	C	A	Intron
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280433	C	A	Intron
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Context:

DNA

Position

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14508
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14645
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[A, G]
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217567 AGATGATCACCAGGAGCCAGATGTTTAATTACTGGAGCAAGAAGAAGTTGATTTGGGACT
 CCTTTAAGGTTCTCCCTATCGTGCCTTCAATTAAGATCAAGGCCCCCGTGTAGCAGCCG
 CTAAATGACACCATGTATTGAATCTCTGTGCTCAAGCAGTTTGTCTAATTATCTGTGTGA
 TAGACTCAGCAGCTGTCTAGACCAGCCACAACCTCAAATACGTGGTCTCTGTACGCCTGCCT
 CAAAGTGTTCCTATGCCACTAGCAAGCTCAAGGACAGGACTTACATGCTCTTTTCTAGAT
 [A, G]
 TGGGATCCCTTTTCAGGTTCCCTCTGCTGCCTAGTGATATAAGGCATTGAAGGGGCCAGTGG
 CTGGGAGGACAGTGGGTACAAGAATTGAGCAGAGGCCTGGGGGCTCGGCTGTTCCCTCCC
 TCGCCCCAGCCCTTGTGCTCGCATGATCACTCAGCCTCTCTGCCTGCTTTTCTGGACAG
 GGAAGCAGTGACCCAGTTTGGGCCATCTTCTCAAAGAGAGGGAGGAGCACTTGCCACTG
 TGTCAAGTTAACTGAAATAAATGAGGGGGATCAGGAGGCAGTGACCCAGGGGAGAGTAA

218100 TGCCACTGTGTCAAGTTAACTGAAATAAATGAGGGGGATCAGGAGGCAGTGACCCAGGGG
 AGAGTAAATGACTGCTCATCTCCATCAGCAGAGAGTGTCTTCAGGAGTAAACACTTCCCA
 GCAGAGCAGGCTCATTGGATGAAGGAGGAACAAGACCACACCAAACAACCTGAATGTAAGG
 TCTGTGGAGTTGAGTCTCAGCCAGGAGAACTGAGGGACAGAACTACAGAAAGCTGGGGC
 CCAGCCCTGTACAGCATCTTGGGTCTCCGGGAACCACCCATGCTTCTGATTGTAGGTGA
 [G, T]
 CTTGTGCCCAGTCTGTCACCTGGGTGCCTCATGAGGGCCAGATCCAGAACACATGTATTC
 TCCAGGCTAATGAGGGAAGACAGAGCTTAACAGTGACTACTGAGTTTGGACATCTCCTAG
 AGAGTTCTTCCCTCTGCTTTTCTTCTTGTGTGCTCATTTCTGCTTTGATGCATTTTGAT
 CACTTGTTAATGAAAGTAATCAGAGTGAAAACTACTTTCAAAAAGCTCCTCTAAAGGAAA
 GTAGCAAAATCACTTTGCTTGCAAGTAATTAATAAGCCAGATGCAGTGAACCTCCGTCCA

219737 CTTTGGGGAAAAATTATTACAAGAAACAGAAGCTCATTTTAGACAGCAACTGTGTTCTAC
 TCCCAATGCAAGAAAACATGAATCTGAAATGAGATAAAAAATGGGATTGTAAATTGGCT
 GAGCCACAGTCAAAAAATAAATGGAAGCTGGGGGAGGTAAGGAAAGAATATAAAGAACCT
 GAAATACAATTGCAGAAGTTCCTTCTCCACTTCAAGCAGTCAAAGGAAAGATTAACCATA
 CAGAAATCATAGTTGTTCCAATACAGGGAACAACTTGAAAACCGCTCCCCAAATACACC
 [A, G]
 AGAATGAGAAGAAGATTTAAAAAATACTGTGGGAGAGGATGATAGTTATGTAAGACAGAG
 ATAAAAGATTTAAAAATAATAGTGATTGGTTATCTTAAAGACCTCAGAGCAATTCAAATGG
 ACACAATAAGCAAAGAGAGATCCAAAAAATAAGTGCCCTATACTGAAAGATCTATCAAA
 TAAGTCAAAATATAATTGCTGACATTTTAGGTTTTGAAAAAAAATAAAGTGATCTGA
 AATATCCAGAGAGAGAAAAACAAGCAGACAAAAAAGTCTACCTGGTGTG

220681 TTCTACAGAGAAATCAGAGAATCTGACAAAGAGGAACCTCAAGGCTTAGGTGAGCACAGAG
 GCTCTTGAAATGAGAAGGTGTCTAAATAACTTTTCAAATATAGTTACCAAAAATTGCAA
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 [C, T]
 CTGGGAGACTTCACCTCTGCCTTCACTGGTGTATCCAGAGACCATGGGAAGGATCAGCC
 ACTGACTGACGTGTTTCGACCTACGGTCGGGCTCCCCGTGCCTTCATCTCGGTGGCTAGA
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 ATAGTGTGTCTTCTTGTGTGATGAAGCCTTTGTTTCATGGGCGTGTGTGATGATGCCAGT
 GACATGGTCAGGACAATTGGGAAGGCCTGAACCTATTGGTTCTAATGTTGCAGTCAATACA

221225 ATGGTCAGGACAATTGGGAAGGCCTGAACCTATTGGTTCTAATGTTGCAGTCAATACAATG
TGATTAACCAATTAGAGAGAAATGCATAAGAGCCAAATTCTGTTGCCAAGAAAAGGCAAA
GAAGGTAGAAGAGCTGCCCTGTTAAGAGATAGAGGTAGAAGTTCAACCCCCAAGGCAATA
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[C, T]
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TGGCACCTGCCCATCCCCTTTTCAGTGTGTGTGTCAGTGGCCACTCCCATGATTAGGAGAGAT
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ACCAGGTACAGGGCAGGGGCAGCAGCAGAGGAAAGACTTCATGCAGCTTTGCTGATGTT

221960 CCAGTTGTTTTAATGAAATGAATCACATTTACACCCATCTTGTCTTTGAACTTCAGTGGC
TGTCTCCACGTGGCTATGTGACGTGACAACCCAGTGAGCACATTACAAAGGAAGAAAGT
CCCCGCCAATGCCACGTGAAACACAGGGTGAGGGCTTCGTTGCACAGGAAGAAAACGTC
CATATTTCTCGGTACACCTTTCTGTCTCTCCACTTCTGCCTGGGTTTCTTCTCGCCAGT
GTCCCCACCTCTGCCCCCTGCCAAATTCAGTGACATGAAGATCTCGTTTATGTGCCAGG
[A, C]
TTGTCTCAATAAACATTCTCCTAGCAATTTTAAAGGAACAACTTTCCATATTAATAA
TTTGTGGTTCTCAGGGTAACAACCTGTGGGTATCAGGAAGACCTGAAGAAATGGGGAATC
TATACAAAAGGAAGGCAAGTCCACTGCTGAGAAATGTGGTTTCTCTCTGTAAACATGC
TGACAGAAGCCCATATACTAATTTAGAGAAACAGTTGGCACAAAACAAGATGCACAGTTG
AGCGTGCTGTCTAGAAGGCTGGGAAGGAAAGAACTTGAGTGAAGGCACCACCAGGATTC

222673 ATGAGAATGGAGGGCAGGGTAACAACCTAACTCAAAGAGCCCATGTGACATGCCAGGTCCA
AGGCTGAGCATTCTGTGCACTTTCTGTTCTTTAATTCTGTGACAGCCCTTCAGGGTAAGG
ACTGTTATTACCCCTAACTTGGCAGGTGAGGAACTGAGGCTCACAGAGGTTTAACTGACT
TGCCCAACACCACTCAACCGGTGAGGAGGAGAGCTGCAATAAAGACTGATTTGAAATGTT
AAATGTTGCTTTTGTCTGTCTGTCTGTCTGCCACATCTCTTACATGTATAATTTAAAAA
[A, C]
ACACACACATAGTGATTATCATTACGCAACTGGGCAGATTGTGCCTGCACTCTCACTT
GTGTTCTGAAGGCAACTTTCTGCACGTGTAGCTGACATGTGCCCGTGTGTTAGCCACTC
TTGACTCGACAAAGAAATGTGATGGTTTTTGAATCTTTGTTTCTTTGTTGTTTTGT
TCCTTCTACTATGCCACACTGTCTATGTATATAATGATTCCTGTAATTAATAAAGGAAGG
AGGCCTTGCACTGAGCACCTGCGCAGTCTCTCCCTTTTTTCAAATTAGCAAAAAGCCGGG

223053 CTGCACGTGTAGCTGACATGTGCCCGTGTGTTAGCCACTCTTGACTCGACAAAGAAAT
GTGATGGTTTTTGAATACTTTGTTTCTTTGTTGTTTTTGTCTTCTACTATGCCACAC
TGTCTATGTATATAATGATTCTGTAAATTAATAAAGGAAGGAGGCCTTGCACTGAGCACC
TGCGCAGTCTCTCCCTTTTTCAAATTAGCAAAAAGCCGGGGACTATGTATGGCTCACCT
CAGAGGAGCCAGTGGACAGGGTGGGCTCAGGACCGAGCTGCTAACTAGATTGCTGCCAG
[T, C]
GGACTCAGCCTCTGTGCAAGCCATGTTGGGTTCTAGGGGGACCAGGAGCCTGTGGGGCAG
CCCCAGATGGCAGTCTTGAAAAGGAATTCAGGGTGGGTGTGATCAGGGATAGAGCTTCT
CTAGTGTACATCACACAGGAACCCATGAGTGGTACCGGCATGTGCTCTAAACCTCATCCT
GCCTGTTTGTTCACACTCCTGAGGATAGTAAAGTAGTGGTCCCTGTTTTCAACACTGCAC
CGATCAAGTTTCATTCTTGTGTTTCACGATTTTCATAGAAAGATCTGTGATTCTTGCTATCT

223881 AAGGAACAGGGAGGCCTCCAAAAGGGGGTGCCATCTGGACTGAGTACTAAATGATGAGAA
ATGGGTTAGAGAAAGAGGAGGGGAGTCTTCTAGGCCAAGGGTTAGGATATGAAGCCAGCA
TGGGGAGCCACAAGCCAATTGGTGTCTTCCAAATATAGAGTTTAGGGCAGAGAGAAAGC
AGCAAGGGCAAGCCTGGAAGAGGAGCTTTGGCCAAGCTGGGGCCAGACCTGGACCATCAGG
TTAAGGAGTGTGGACTTTCTCCTGGATGCAAGGGGAGGCAGCATTCTAGGGTTTTAAACC
[A, T]
TAGGCCTGGTGTTCAGAAAGATCACCTGTGTTGCCCTTGGGACAGAGTGACCCTGGAGGC
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GGAGTGGGCAGACCGGAGAATCACTTAGGAAAAATACAGTCAGCAGGACCAGGCACTGAT
GGTGAATAATTAACCATCACACCTGCCACCCAGGATGGTTCTAACTGCCTTCTCCATC
CTTAGCCAGTCTCGTCTAAGCAGAAGTACAAGTCATCTCAGCGAGGCTGAGTGAAATC

224236 GGAGGCAGGGGGCCAGCAGGAGGCATCGAGGACATTCAACAAAGCCACACAGAAGCCTGA
ATCGGGGAGTGGGCAGACCGGAGAATCACTTAGGAAAAATACAGTCAGCAGGACCAGGC
ACTGATTGTGAAAATTAACCATCACACCTGCCACCCAGGATGGTTCTAACTGCCTTCC

TCCATCCTTAGCCAGTCCTCGTCTAAGCAGAAGTACAAGTCATCTCAGCGAGGCCCTGAGT
GAAATCCTTCAACTGACAAGAGCCAAGTTTCCCATTTGGGCTGGGCCCTGAACAGTCCTG
[G, T]
GAAAGTGTGAGCCCTTCGTGAGGGCGCACCCCTGTCACCAACCCCGTCTGGAAAGCGGGCCA
CTGACTCAGAAAGGAAATGTGGCTTGGATGCCGAAGTCAGAGTGTGATTCTCCTACCCCTG
TGGCTCAGTCCCTGTCTGGACTATAGATGGATGGAGTGTGCACTCTAGGGTCATTGCA
CCTTCCTTTTCTGAGTTGCAACCTCCACCTCCAGTACGCAGGGGTTCGCGAGGAGGGTGG
GGAAGCAGCTTGATTCCAGAAGTCTTTACCTCTCCTCATCCACAGCCTCAGAGGTGCTT

224238 AGGCAGGGGCCCCAGCAGGAGGCATCGAGGACATTCAACAAAGCCACACAGAAGCCTGAAT
CGGGGAGTGGGCAGACCGGAGAATCACTTAGGAAAAATACAGTCAGCAGGACCAGGCAC
TGATTGTGAAAATTAACCATCACACCTGCCACCCAGGATGGTTCTAACTGCCTTCCTC
CATCCTTAGCCAGTCCTCGTCTAAGCAGAAGTACAAGTCATCTCAGCGAGGCCCTGAGTGA
AATCCTTCAACTGACAAGAGCCAAGTTTCCCATTTGGGCTGGGCCCTGAACAGTCCTGGG
[A, G]
AAGTGTGAGCCCTTCGTGAGGGCGCACCCCTGTCACCAACCCCGTCTGGAAAGCGGGCCACT
GACTCAGAAAGGAAATGTGGCTTGGATGCCGAAGTCAGAGTGTGATTCTCCTACCCCTGTG
GCTCAGTCCCTGTCTGGACTATAGATGGATGGAGTGTGCACTCTAGGGTCATTGCACC
TTCTTTCTGTAGTTGCAACCTCCACCTCCAGTACGCAGGGGTTCGCGAGGAGGGTGGGG
AAGCAGCTTGATTCCAGAAGTCTTTACCTCTCCTCATCCACAGCCTCAGAGGTGCTTTT

225653 AGATGGTACCTGGGAAGCACCTGCTGAGCCCACCAGGGTCTGGGCTCTGGAATGGCCAGG
AGGAAGTGCAGGATGTGGGCCACAGGAAGAGCTGTGACTGGGAGACATTTGAAACTCAGG
GTAGGACAAAAATCAGGGTGGGCCGGGCTTGGCCAGCTGGGGAGTAGCTGGTCATGCCAAT
GGAGAGGTCAATTTCAAATGGGCCAAGGAGTAACATGTCAAGTAAAGTCCATGTGGGCACG
CAGAGCCTGTCCAGCCACCTGAATATCCACAGGCAGTTGCACGCTCTGTTCTCCTCCTTC
[T, C]
CCCCCCCCCTTCTCTCTCTCTCCCTGTCTCTCTCTGTGCCCTCTTTCTTTCCCTGTACT
CCTCCTCATCTTCTCACCTCCTATTTTCATTTTCCCTTTCCGTGCCCTCCCTGTGAGGTCT
GACTTGAGTGTGCCTACACATATCTAAAACAAGTGAAGTGAATAATGTGTTTCTCAGTTA
ACTGGGAGTATGTATTACATGGTGCAAGCTACTAGTTCTATGTTGAGGGAATTAAGCAGT
TTCCCTAGCAGAGTTGAGACAGTCTGAAATAGATGATCACCATGCTCCCAGCATCAGG

226563 AACAAC TGCAAAACCTCGGCACCCAGTAAAAGTTTCTCACTCACGCAGTACATCCAGCA
TGGGTCCGAGGGGCTCAGCTCACAGACCCAGGCCACATGGCCTTCTGCAGTCAGTGAT
GTAGGGAAGGCCAGGCATCTGAGAACCAGGAGGATTTTGGCAGGAGGGTTTGGCAGGAGA
GGCTGAGCAAACCTCCTCCGTGAGAGGGTGTCTCTCCCCACCTCTTCAGGGGGTATCTGG
GCAGACCTGTCTGAGCCCACCATGGTCTGGGCTCTGAGATGACCAGGAGGAAGTGCAGGA
[G, T]
GGGGAAGGGGATGTGAAGAGGGAGTAAACCCCAAGGTAGAGCCTGGAATTGACACACAT
TCACTTAAACCCCATTTCTTGGAAAAGTAAGTCACACAGCCACAGCTAACTTGGCTAA
CTTTCTCCTTGGAGGACAGAGGCCCTGCTTCCTCATGTTCTCCTCAGTCCACGGCATCC
CGGCCAGCGTGTTTAACTAGAGTGAGGGCTGAGTGCTCATAGGAACGCTTGAACACACAA
CCCTGCACATAGCTGTGTCCAGTGCAAGGCTGACCTACTGGCATATTCATAGAATTGGA

227365 GGAGGTGACCACTGTCCGTTCTGTGATAATCATCTTCCAGCTTTCTTTATAGTTATCTAA
ATTTATATTCTATAAATGTGTCTCAACATGGTTTACTTTCTCTGTTTTTGAAGTCCATAT
AAATGGAACCATGCTGCGGGTGTCTTTTTCAGATTTATTTCTTACACTCAGTATCTGATT
TGTAAGACTAGTTTCAATATGGGGTATAGTCATACCTTGTTCTTTTCATTCTGGATATCCC
CTTGATAACTATGCCACGATGTATCCATTCTGCTGTTGACAGCCAGCATTGGGTTAAT
[G, T]
CCCATTGAGAGATATTCCAAGCTGTGCAACTGGAATCATTCTTGGATATGTCTTCCTGTG
CACCTGTGAAAGTGTTCCTCTAGCGTGTACTCTAGGCACTGTACTTCACTCTCCTTTCTA
GATATCACCATACTCTTTCCCAAATTTGTTGACCAGCTTTCCTTGGAAACAACAGTGTGT
GAGTTCCCATAAATTCATATTCTTACTAACACTTGTGACTATAAAACCCCTTTTGGACAAA
ATGCTTTTTCTGCAACTACTGAGGGTTTTGCCCTTTTTCTATTGTTTATTACGGTAATT

228457 AATTTGTCCAATTCATCAAAGTTGTCTAATTTATTGGCATATACTTGTTCATACTCTTCC
CTTATAATCCTTTTTTATTTGTAAAGTCAGTAGTAATATCATCCTCCTTACTATTTTTAG
TAATTCGAGACTTCTAAAAAATTTTTTGTAGTCTAGCTAAAGGTTTTGTCAATTTTGT
TGATTTTTTTTTTTGAAAGAACCAATTTTGGGTTTTGTGAGTTACTCTATTGCTTTTTCT
ATTCTTTTTTCATTAATTTCCAGTTTAACTTTTACTACTTGCTTGCCCTGCTTGTTTTGG
[G, A]

TTTAGTTTGCTCTTCTTTTACTATGTGTTATGGTGAAAGATTAGGTTATTGATTGAAA
TTTGTTTTATTTTATTTTATTTTTTTTTTTGAGATAGAGTCTCACTCTGTCAACCAGGCTGG
AGTGCACTGGCTCACTGCAACCTCTGTCTCTCAGGTTACGCCATTCTCCTGCCTCAGCC
TCCCGAGTAGCTGAGACTACAGGCGCAAGCCACCACCCAGCTAATTTTTGTATATTTA
GTAGAGATGAGGTTTCACCATGTTGGCCAGGATGGTCTCGATCTCTTGACCTTGTGATCC

228488 TATTGGCATATACTTGTTCATACTCTCCCTTATAATCCTTTTTATTTTGTAAGTCAGT
AGTAATATCATCCTCCTTACTATTTTTAGTAATTCGAGACTTCTAAAAATTTTTTGT
AGTCTAGCTAAAGGTTTGTCAATTTGTGATTTTTTTTTTTGAAAGAACCAATTTTG
GGTTTGTGAGTTACTCTATTGCTTTTCTATTCTCTTTTCATTAATTTCCAGTTTAATCT
TTACTACTTGCTTGCCCTGCTTGTTTTGGGTTTAGTTTGCTCTTCTTTTACTATGTGTT
[A, G]
TGGTGAAAGATTAGGTTATTGATTGAAATTTGTTTTATTTTATTTTATTTTTTTTTTTGA
GATAGAGTCTCACTCTGTCAACCAGGCTGGAGTGCAGTGGCTCACTGCAACCTCTGTCTCT
CAGGTTACGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGAGACTACAGGCGCAAGCC
ACCACACCCAGCTAATTTTTGTATATTTAGTAGAGATGAGGTTTCACCATGTTGGCCAGG
ATGGTCTCGATCTCTTGACCTTGTGATCCGCTGCCTCAGCCTCCCAAATGCTGAGATT

228531 TATTTTGTAAGTCAGTAGTAATATCATCCTCCTTACTATTTTTAGTAATTCGAGACTTC
TAAAAAATTTTTTGTAGTCTAGCTAAAGGTTTGTCAATTTGTGATTTTTTTTTTTT
GAAAGAACCAATTTTGGGTTTGTGAGTTACTCTATTGCTTTTCTATTCTCTTTTCATT
AATTTCCAGTTTAACTTTTACTACTTGCTTGCCCTGCTTGTTTTGGGTTTAGTTTGCTCT
TCTTTTACTATGTGTTATGGTGAAAGATTAGGTTATTGATTGAAATTTGTTTTATTTT
[A, G]
TTTTATTTTTTTTTTGAGATAGAGTCTCACTCTGTCAACCAGGCTGGAGTGCAGTGGCTCA
CTGCAACCTCTGTCTCTCAGGTTACGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGA
GACTACAGGCGCAAGCCACCACACCCAGCTAATTTTTGTATATTTAGTAGAGATGAGGTT
TCACCATGTTGGCCAGGATGGTCTCGATCTCTTGACCTTGTGATCCGCTGCCTCAGCCT
CCCAAATGCTGAGATTACAGGCATGAGCCACTGTGCCTGGCTGTTTTCTTTTAAATGT

228665 TTGGGTTTGTGAGTTACTCTATTGCTTTTCTATTCTCTTTTCATTAATTTCCAGTTTAA
TCTTACTACTTGCTTGCCCTGCTTGTTTTGGGTTTAGTTTGCTCTTCTTTTACTATGT
GTTATGGTGAAAGATTAGGTTATTGATTGAAATTTGTTTTATTTTATTTTATTTTTTTT
TTGAGATAGAGTCTCACTCTGTCAACCAGGCTGGAGTGCAGTGGCTCACTGCAACCTCTGT
CTCTCAGGTTACGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGAGACTACAGGCGCA
[A, C]
GCCACACACCCAGCTAATTTTTGTATATTTAGTAGAGATGAGGTTTCACCATGTTGGCC
AGGATGGTCTCGATCTCTTGACCTTGTGATCCGCTGCCTCAGCCTCCCAAATGCTGAG
ATTACAGGCATGAGCCACTGTGCCTGGCCTGTTCTTTTTTAAATGTAAGCATTAAATAGCT
ACAAGTTTCTCTAAGCACTCCTTTACTACATCTCATAAGTTTGTACGTTGTGTCCT
TATTTTCATTATCAATCAAGTGTATTTTCTCTTGTAAATTTCTTATTGACCATGGTTA

230490 TTGATATCATTTCTTACTCCAATACAGTTTTGCACCCACCTACATCCTTTGTGCTATTA
TTTTCAAGTATGTTATATTTCTGTATGTTATAGGCACAATTGTACAGTTATAACATATT
ATTTTATACAATTGCTTTTAAAAATCAGCTAACAAAGAAAGGAGAATAAATGTATATTTATA
CTGTCTGCTATAAATTACATAGTTATCTTTGCCAGTGCTCTTTTTTTTTTGGTGATAGTG
ATTACCATCTGGGGTCACTTGCTTTCAGCCTAAAAAGCTTCTTTCACCTTTTGTAGAGTG
[A, G]
GTATGTAGCAATGAATTATCTGTTTTTGTATCTGAGAATGTCCTTATTTTGCCTTCGT
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ATTGAATATGTCATTCCACTGTCTGCTGGCTTCTTTAGCTTCTGACAAAAAGTCAGCTGT
TAATCATATTGAAGTTTCTTTGTACACGAGTAAAAAATAATTTGCTGCTTTTCAAAAT
TTTTCTCTTTGCTTTGTTTTCTATATTTTGTAGAGTGCACCTGGATCTCTGTGTATA

230976 ATATTGAAGTTCCTTTGTACACGAGTAAAAAATAATTTGTTGCTGCTTTCAAATTTTTTC
TCTTTGCTTTGTTTTCTATATTTTGTAGTAGAGTGCACCTGGATCTCTGTGTATATCTTC
CTTGAAGATTGTTGAATTTCTTGATGTACTGATTAATTTTTTAATCAAATTTAGGAAGT
TTTTAGCCATTAATCCTTCAAATAATTTTCTGTTCTTTCTCTTTTCTTTTTCTGGTGCT
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[T, -]
TTTTTTTTTTTGGTTTCATTTCTTCCCTAGTAACTAGCTGTCTACAGTCTAGCTTGTT
GCTCTCATGGAGCTACCAGCCTCCTCTTAATTACTTACCACCAAAATGTTCAATGTTTTA
AGAGTACTTTTAGGCTCAAACCTCCTCATCTCTGTTCCAAATCCTCTCAGTCAGAGCT

FIGURE 3, page 167 of 188

CTCCATTTTAATGGCCTGTCTCGCCCCATGGCCAAAATCTCCAAGCCACTGCTCCAGAGT
TTGGTGTGGGCATAATGGCCCAGTTCTCTTAGAATGACAACCTTAGTTGTAATTCAGCC

236111 TCCCCGCTGGAGGCTCAGTTTCGCACCATAAAATGCCACATTTGATATGCAGATTCCCTGA
ACTCTCCAGAGAGGAGCTGGCTACCCAAGGGGAAACAAAGGCTGTTTCAAGATGTGTCTGG
ATCCATTCCCCCATAAGTGATGTTAACTAAACACAAACAGCTCTCTTTCATCGGGCTG
GTTTATGGCTCCCACTCCAAGTGTGCTTGGAAATGTGGTGTCTCATTGGCTTTTTTA
CTACCTTTAAAGTTCCTTTGCAGAAGCCTGTTGGCTGGCTTCCTGCTGACTCCAGGGCT
[T, C]
GTTGTGGAAAGGCCTGGAAGGTTGGCGACTAGGAGCCTTGGGCCATGACCCAGTCCTAAT
ACCAAGGTAACACTGAGCTCAGTTATGTGTTCTCTCCTTGGTGTACGTGCTTAGGGGG
ATTGTGTCTCTCCTTGGTGTACGTGCTTAGGGGGGAAAGACTAGGATCACACACAGTCTAAAAAC
TTTATTCCACAGGACAATAAATTTTAAAAAATAGATAGATAGATAGATAGATAGATACAT
ACATACATACATACATAGATACATAGATACATAGATACATAGATAGATAATCCCCCTGCC

236317 GCTTGAATTGTGGTTGTCCTCATTGGCTTTTTTACTACCTTTAAAAGTTCCTTTGCAGAA
GCCTGTTGGCTGGCTTCCTGCTGACTCCAGGGCTTGTGTGGAAAGGCCTGGAAGGTTGG
CGACTAGGAGCCTTGGGCCATGACCCAGTCTTAATACCAAGGTAACACTGAGCTCAGTT
ATGTGTTCTCTCCTTGGTGTACGTGCTTAGGGGGATTCTGACACACAGGTGACCTCCAG
GGGGCAAAGACTAGGATCACACACAGTCTAAAAACTTTATTCCACAGGACAATAAATTTT
[A, -]
AAAAATAGATAGATAGATAGATAGATAGATACATACATACATACATAGATACATAG
ATACATAGATACATAGATAGATAATTTCCCTGCCAGTCTCAATCTCAGCATGAAGCAT
TATCTCCCTGGCGGGAGAAACATGAAAACGTCTCCAAAGCTGATGGCCCTTTACCTGGA
AGTTTGATGAGGTGTGTTTGGCAGCCCCAGCAGGCAGATGTTTCGGCCTGTGGGTGGTGA
CAGGGAGGCCAATTTCAAATGCCCTGCTTGTGTCAGTGTGTCATGGATTTCATTCCTCTCTCC

236323 AATTGTGGTTGTCCTCATTGGCTTTTTTACTACCTTTAAAAGTTCCTTTGCAGAAGCCTGT
TGGCTGGCTTCTGCTGACTCCAGGGCTTGTGTGGAAAGGCCTGGAAGGTTGGCGACTA
GGAGCCTTGGGCCATGACCCAGTCTTAATACCAAGGTAACACTGAGCTCAGTTATGTGT
TCTCTCCTTGGTGTACGTGCTTAGGGGGATTCTGACACACAGGTGACCTCCAGGGGGCA
AAGACTAGGATCACACACAGTCTAAAAACTTTATTCCACAGGACAATAAATTTTAAAAAA
[T, -]
AGATAGATAGATAGATAGATAGATACATACATACATACATAGATACATAGATACAT
AGATACATAGATAGATAATTTCCCTGCCAGTCTCAATCTCAGCATGAAGCATTATCTC
CCTGGCGGGAGAAACATGAAAACGTCTCCAAAGCTGATGGCCCTTTACCTGGAAGTTTG
ATGAGGTGTGTTTGGCAGCCCCAGCAGGCAGATGTTTCGGCCTGTGGGTGGGTGACAGGGA
GGCCAATTTCAAATGCCCTGCTTGTGTCAGTGTGTCATGGATTTCATTCCTCTCTCTGGAAG

236325 TTGTGGTTGTCCTCATTGGCTTTTTTACTACCTTTAAAAGTTCCTTTGCAGAAGCCTGTTG
GCTGGCTTCTGCTGACTCCAGGGCTTGTGTGGAAAGGCCTGGAAGGTTGGCGACTAGG
AGCCTTGGGCCATGACCCAGTCTTAATACCAAGGTAACACTGAGCTCAGTTATGTGTTT
TCTCCTTGGTGTACGTGCTTAGGGGGATTCTGACACACAGGTGACCTCCAGGGGGCAAA
GACTAGGATCACACACAGTCTAAAAACTTTATTCCACAGGACAATAAATTTTAAAAAATA
[G, -]
ATAGATAGATAGATAGATAGATACATACATACATACATAGATACATAGATACATAG
ATACATAGATAGATAATTTCCCTGCCAGTCTCAATCTCAGCATGAAGCATTATCTCCC
TGGCGGGAGAAACATGAAAACGTCTCCAAAGCTGATGGCCCTTTACCTGGAAGTTTGAT
GAGGTGTGTTTGGCAGCCCCAGCAGGCAGATGTTTCGGCCTGTGGGTGGGTGACAGGGAGG
CCAATTTCAAATGCCCTGCTTGTGTCAGTGTGTCATGGATTTCATTCCTCTCTCTGGAAGCA

236345 TTTTTACTACCTTTAAAAGTTCCTTTGCAGAAGCCTGTTGGCTGGCTTCCTGCTGACTCC
AGGGCTTGTGTGGAAAGGCCTGGAAGGTTGGCGACTAGGAGCCTTGGGCCATGACCCAG
TCCTAATACCAAGGTAACACTGAGCTCAGTTATGTGTTCTCTCCTTGGTGTACGTGCT
TAGGGGGATTCTGACACACAGGTGACCTCCAGGGGGCAAAGACTAGGATCACACACAGTC
TAAAACTTTATTCCACAGGACAATAAATTTTAAAAAATAGATAGATAGATAGATAGATA
[G, C]
ATACATACATACATACATAGATACATAGATACATAGATACATAGATAGATAATTC
CCTGCCAGTCTCAATCTCAGCATGAAGCATTATCTCCCTGGCGGGAGAAACATGAAAA
CTGTCTCCAAAGCTGATGGCCCTTTACCTGGAAGTTTGATGAGGTGTGTTTGGCAGCCCC
AGCAGGCAGATGTTTCGGCCTGTGGGTGGGTGACAGGGAGGCCAATTTCAAATGCCCTGCT
TGTGTCAGTGTGTCATGGATTTCATTCCTCTCTCTGGAAGCAGTTTCCACCATAAAAATGGTG

236534 TCTGACACACAGGTGACCTCCAGGGGGCAAAGACTAGGATCACACACAGTCTAAAACTT
TATTCCACAGGACAATAAATTTTAAAAATAGATAGATAGATAGATAGATACATAC
ATACATACATACATAGATACATAGATACATAGATAGATAATTCCCCTGCCAG
TCCTCAAATCTCAGCATGAAGCATTATCTCCCTGGCGGGAGAAACATGAAACTGTCTCC
AAAGCTGATGGCCCTTACCTGGAAGTTTGATGAGGTGTGTTTGGCAGCCCCAGCAGGCA
[C, G]
ATGTTCCGGCTGTGGGTGGGTGACAGGGAGGCCAATTTCAAATGCCCTGCTTGTCTAGTGT
CATGGATTTCATTCCTCTCTCTGGAAGCAGTTTCCACCATAAAATGGTGAGCCTTCCA
ACAGCTGGGGCTGCCTTTGCAATGGGCCTCCCGGTGATGAAGTGGGCTTCCCGTCCCTGG
GAGTGGACAAGCAGCAGCCGAGGCTGTTGGGGAAGAGGCGGAGGAATTTCTGCCCCGGGA
CGACGCTCTGACGATGAGGAGTCCCTCCAGCTCTAACAGACAGTGTTCATACCTCAGTGT

238076 ATGGGTCTTTGAACTCTGGCTTTCTTCTTCTCTCATTCTGAAACCACCCCTCTGTC
TCTGAGGGCGAGGCTGCCTGAGCCTCTGACTCACTGCTGCCTCACACCTGCCTACCCCTT
CTCCCACTTTCCACAGCACCCTCATCCCTCATTCCTTCTCTCCAGCTGGCGGGACAG
GAGTCCAAACCCCAAGACTGCCCAAGACCATGCTTCAGGACCCATGCTGCCCTTCCCGG
AGCCTGTCTCTACACAACCTCTGCCTAGGAAGCCAGACCACACAGGACCCTGAGCAGCTG
[A, G]
CTTGCTGGGAGAACTACTGTCTGTTTCCCTTCAGGCCTGGGACCCCTGTCTTACTTTG
GGTATCCTCCAGCAGGCTTCTGCCCAGCCATGGCTAATGTTTAAAAAAAATTAGGAC
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[C, T]
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